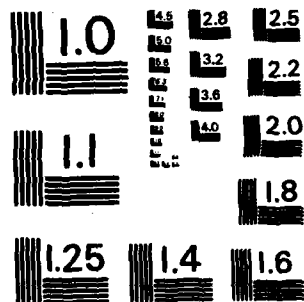


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NOE 170 124
USAFETAC 125-84/008

UK 125 831

ADA140248

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

LAKENHEATH UK MSC #035831
N 52 24 E 000 34 ELEV 32 FT EGUL

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: MAY 49 - MAY 83

TIME CONVERSION GMT TO LST: 0

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS-84/008	2. GOVT ACCESSION NO. ADA140 248	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Lakenheath, United Kingdom.		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES SUPERSEDES REPT NO. USAFETAC/DS-79/ 110, AD-A078353, JUN 78.																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Lakenheath RAF, United Kingdom. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric																	

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*United Kingdom *Lakenheath RAF *UK035831
*Brandon *Lakenheath *Great Britain
20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.
- * Lakenheath*
** Brandon*

UNCLASSIFIED

REVIEW AND APPROVAL STATEMENT

This report, ETAC/DS-34/008 , is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burmann

WALTER S. BURGMANN
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Dist	Avail and/or Special
A-1	

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0100, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

10M- 33 ft

STATION NO ON SUMMARY 035830		STATION NAME LAKENHEATH RAF UK/BRANDON		LATITUDE N 52 24		LONGITUDE E 000 34		FIELD ELEV (FT.) 32		CALL SIGN EGUL		WMO NUMBER 03583	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	WT. BAR.					
1	Lakenheath RAF Brandon England	RAF	Dec 66	12 Nov 67	N 52 25	E 000 33	42 ft	89 ft	24				
2	Same	Same	13 Nov 67	Feb 71	Same	Same	Same	95 ft	24				
3	Same	Same	Sep 71	Nov 77	N 52 21	E 000 34	32 ft	Same	24				
4	Same	Same	Nov 77	Nov 81	N 52 24	Same	Same	94 ft	24				
5	Same	Same	Dec 81	Jan 84	N 52 24	E 000 34	32 Ft	94 Ft	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 66	1. Rnwy 24-500 ft off centerline, 1500 ft from the end. 2. Rnwy 06-500 ft off centerline, 1000 ft from the end.	AN/GMQ-11	Same	13 ft	
2	Apr 69	1. No change. 2. No change.	Same	RO-362	Same	
3	Nov 77	1. No change. 2. No change.	Same	RO-362	Same	
	Dec 81	1. No change 2. No change	AN/GMQ-20	Same	Same	
4	Jan 84	1. No change 2. No change	AN/GMQ-20	Same	Same	

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CONTINUED ON REVERSE SIDE

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{3}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

34931
STATION

LAKENHEATH RAF UK
STATION NAME

74-83

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		11.7		2.2		13.4	21.5	9.2			37.8	930
	03-05	.1	11.7		2.7		13.5	21.8	7.5			29.4	937
	06-08		12.0	.1	3.4		15.2	21.0	11.0			31.9	930
	09-11		11.3	.3	4.3		15.1	19.6	15.8			35.4	937
	12-14		12.0		5.1		16.0	12.7	14.1			26.8	937
	15-17		11.6	.1	3.2	.1	14.4	14.6	17.0			31.6	930
	18-20		10.1		2.9		12.2	17.4	15.8			33.2	930
	21-23		10.1		2.3		11.7	20.8	11.0			31.7	937
TOTALS		.0	11.3	.1	3.2	.0	13.9	18.7	12.7			31.4	7497

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

035831
STATION

LAKENHEATH PAF UK
STATION NAME

74-87

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		10.6		2.7		13.1	30.1	15.2			48.3	937
	03-05		11.0	.2	3.8		14.6	32.5	13.7			46.2	937
	06-08		9.9	1.0	3.1		13.5	33.0	16.8			49.8	937
	09-11		10.2	.7	4.5		15.1	25.3	22.9			48.1	937
	12-14		12.1	.1	3.2		15.1	13.0	23.5			36.6	937
	15-17		15.0	.1	3.6		18.5	10.2	25.8			36.1	947
	18-20		12.5	.1	3.7		15.8	16.2	24.5			45.7	938
	21-23		11.8	.1	3.2		14.6	21.5	19.6			41.1	937
TOTALS			11.6	.3	3.5		15.0	22.7	20.2			43.3	6722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

75031
STATION

LAKENHEATH RAF UK
STATION NAME

74-83

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAP	00-01		15.3		.8		15.7	14.6	11.9	.1		26.7	930
	03-05		14.9		1.6		15.8	19.2	12.4			31.6	930
	06-08		15.9		3.3		18.0	22.4	16.0			38.4	930
	09-11		17.3		3.7		19.2	14.4	19.2		.1	32.7	930
	12-14	.1	16.9		1.3	.2	18.1	4.8	19.3		.3	23.4	930
	15-17	.6	17.1		.6	.1	17.6	4.2	15.4		.2	19.8	930
	18-20	.2	18.8		.5		19.0	6.1	16.1			22.3	930
	21-23		16.9		.5		17.0	8.5	14.6			23.1	930
TOTALS		.1	16.6		1.5	.0	17.6	11.8	15.4	.0	.1	27.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35831
STATION

LAKENHEATH RAF UK
STATION NAME

74-87

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (1-24)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		10.4		1.0		10.9	11.6	13.7			25.2	900
	03-05		12.4		.9		13.0	22.4	11.9			34.3	900
	06-08		13.8		.7		14.0	24.7	18.1			42.7	900
	09-11		11.9		.3	.1	12.2	9.1	16.4		.2	25.8	900
	12-14	.1	10.7		.9		11.1	3.3	11.4		.1	14.9	900
	15-17	.3	12.2		1.3		12.7	1.6	10.1		.6	12.2	900
	18-20	.2	11.2		.6		11.2	2.3	15.7			18.7	900
	21-23		9.0		1.3		9.5	5.2	15.2			20.5	899
TOTALS		.1	11.5		.9	.0	11.8	10.0	14.1		.1	24.2	7199

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

035831
STATION

LAKENHEATH RAF UK
STATION NAME

74-87

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	.1	11.7		.1		11.1	13.2	8.7			21.9	847
	03-05		9.5				9.5	29.8	14.1			43.5	867
	06-08	.2	9.9		.2		10.0	20.3	21.2			41.6	919
	09-11	.4	8.8			.2	9.0	5.6	14.6			20.2	918
	12-14	1.3	12.4			.1	12.5	1.1	8.5			9.6	918
	15-17	2.2	13.4		.1		13.4	1.2	7.5			8.7	918
	18-20	.9	8.7				8.7	2.8	10.8			13.6	918
	21-23	.4	9.1				9.1	6.2	11.4			17.6	893
TOTALS		.7	10.4		.1	.0	10.4	10.0	12.1			22.1	7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

YEAR: 73-80 STATION: LAKENHEATH RAF UK STATION NAME: 73-80 YEARS: JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAZ	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	01-24	0.4	7.7				7.7	15.4	10.7			26.4	900
	25-29	0.2	9.1				9.1	29.3	17.4			46.8	900
	30-30	0.3	9.9				9.9	19.2	21.4			37.8	900
	01-11	0.4	7.4		0.1		7.4	9.4	11.7			16.1	900
	12-14	2.2	6.4				6.4	4.4	7.4			7.4	900
	15-17	2.4	9.2				9.2	4.4	2.4			5.4	900
	18-21	1.4	8.4				8.4	1.4	9.4			11.2	900
	22-23	0.2	8.2				8.2	2.2	11.4			18.9	900
TOTALS			8.5		0.1		8.6	9.2	12.1			21.3	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

075031
STATION

LAKENHEATH RAF UK
STATION NAME

73-87

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	.2	5.8				5.8	10.4	11.1			21.5	937
	03-05	.1	7.8				7.8	22.7	18.2			40.9	937
	06-08	.2	10.2				10.2	10.9	21.2			32.1	929
	09-11	.1	8.1				8.1	2.6	9.6			12.2	937
	12-14	.4	8.7				8.7	.9	5.7			6.6	929
	15-17	1.0	8.4				8.4	.5	5.1			5.6	937
	18-20	1.0	7.7				7.7	1.4	8.5			9.9	937
	21-23	.2	6.6				6.6	4.4	10.6			15.1	937
TOTALS		.4	7.9				7.9	6.7	11.3			18.0	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

018931
STATION

LAKENHEATH RAF UK
STATION NAME

73-82

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.1	7.3				7.3	22.8	14.1			34.8	930
	03-05	.2	7.5				7.5	36.0	10.5			46.6	930
	06-08		8.5				8.5	28.2	21.8			52.7	930
	09-11	.3	8.2				8.2	5.2	18.1			23.2	930
	12-14	.4	8.9				8.9	2.2	12.9			13.2	930
	15-17	1.7	9.5				9.5	1.2	10.0			11.2	930
	18-21	1.4	8.3				8.3	3.0	15.6			18.6	930
	21-23	.4	6.0				6.0	7.6	18.3			25.9	930
TOTALS		.6	8.0				8.0	13.0	14.9			27.9	7980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

WEATHER CONDITIONS

035931
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.6	10.8				10.8	20.4	12.0			32.8	899
	03-05	.1	9.7				9.7	31.6	10.1			49.7	900
	06-08	.1	10.5				10.5	29.1	18.1			47.3	899
	09-11		10.3				10.3	7.6	18.3			25.9	900
	12-14	.3	7.1				7.1	1.2	11.7			12.9	899
	15-17	.8	7.1				7.1	1.1	14.6			15.7	900
	18-20	.3	8.8				8.8	3.3	19.4			22.8	900
	21-23	.2	9.3				9.3	10.7	17.4			28.1	900
TOTALS		.3	9.2				9.2	13.0	15.2			28.2	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35831
STATION

LAKENHEATH RAF UK
STATION NAME

73-87

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		12.5				12.5	28.9	11.3			47.2	930
	03-05		12.6				12.6	36.5	10.5			47.0	930
	06-08		11.7				11.7	39.1	14.3			53.4	930
	09-11	.1	13.4				13.4	20.5	18.6			39.1	930
	12-14	.3	13.7				13.0	8.0	14.7			22.7	930
	15-17	.2	15.1				15.1	6.7	16.3			23.0	930
	18-20		15.8				15.8	13.2	17.5			32.8	930
	21-23		14.1				14.0	20.9	12.7			33.5	930
TOTALS		.1	13.5				13.5	21.7	14.5			36.2	7980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035831 STATION LAKENHEATH RAF UK 73-87 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		7.8		.2		8.3	17.1	15.7			32.8	888
	03-05		12.6		1.7		13.5	16.6	14.2			37.7	888
	06-08		14.8		.8		15.4	19.3	13.1			32.3	888
	09-11		16.1		.8		16.7	15.2	15.1			30.3	888
	12-14		14.9		.2		15.2	9.2	14.8			24.0	891
	15-17		14.5		.7		15.0	9.4	16.8			26.3	891
	18-21		10.1	.1	.4		10.7	12.7	17.3			27.9	891
	21-23		9.6		.1		9.7	15.2	15.7			37.9	897
TOTALS			12.6	.0	.5		13.0	14.1	15.3			29.4	7115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

WEATHER CONDITIONS

035831 STATION LAKENHEATH RAF UK 73-87 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-01		12.9		1.8		11.7	26.3	8.0			34.3	930
	03-05	.1	12.5		2.3		14.3	24.2	10.1			34.3	930
	06-08		12.3		1.5		13.5	24.5	10.5			35.1	930
	09-11		12.7		2.7		13.5	22.5	16.6			39.0	930
	12-14		11.3		1.9		12.9	18.1	17.7			35.1	930
	15-17		12.5		2.4		14.5	19.7	19.5			38.5	930
	18-21		12.3		2.0		13.4	21.7	12.5			34.2	930
	21-23		12.5		1.8		14.3	23.9	8.2			32.0	930
TOTALS		.0	12.0		2.0		13.5	22.5	12.6			35.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035P31 STATION LAKENHEATH RAF UK 73-83 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	11.3	.1	3.2	.0	13.9	18.7	12.7			31.4	7440
FEB			11.6	.3	3.5		15.0	22.7	20.2			43.0	6700
MAR		.1	16.6		1.5	.3	17.6	11.8	15.4	.0	.1	27.3	7440
APR		.1	11.5		.9	.0	11.8	10.0	14.1		.1	24.2	7199
MAY		.7	10.4		.1	.0	10.4	10.0	12.1			22.1	7191
JUN		.9	8.5		.0		8.6	9.2	12.1			21.3	7200
JUL		.4	7.9				7.9	6.7	11.3			18.0	7438
AUG		.6	8.0				8.0	13.0	14.9			27.9	7447
SEP		.3	9.2				9.2	13.0	15.2			28.2	7197
OCT		.1	13.5				13.5	21.7	14.5			36.2	7440
NOV			12.6	.0	.5		13.0	14.1	15.3			29.4	7115
DEC		.0	12.0		2.0		13.5	22.5	12.8			35.3	7447
TOTALS		.3	11.1	.0	1.7	.0	11.9	14.5	14.2	.0	.0	28.7	87240

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

YEARS

ALL
MONTH

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	MAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.4	57.1	1.0	18.8	.3	64.1	53.0	77.7	.4		85.5	1737
FEB		.7	53.9	1.1	22.4	.6	64.6	54.0	81.6	.4		87.7	946
MAR		2.1	57.7		12.9	1.9	61.8	45.8	78.6	.2	.1	82.6	1025
APR		3.0	59.9		6.2	2.4	60.7	39.8	74.1			78.1	978
MAY		8.5	58.0		1.2	1.4	58.0	38.6	73.1			77.6	1036
JUN		10.6	51.0		.1	1.0	51.0	38.2	72.6			75.7	976
JUL		9.0	55.2			.4	55.2	38.0	73.8			77.3	1008
AUG		9.0	54.6			.4	54.6	52.1	78.2			81.7	1019
SEP		5.1	53.5			.2	53.5	53.4	77.4			81.5	992
OCT		1.5	54.4		.1	.4	54.4	59.8	80.3			86.2	1046
NOV		1.0	64.4	.1	4.8	.4	65.4	51.3	77.5			83.9	1000
DEC		.3	61.1	.2	12.6	.3	65.1	56.6	74.7	.3		86.0	1030
TOTALS		4.3	56.7	.2	6.6	.8	59.0	48.4	76.6	.1	.0	82.0	12093

12345678901234567890123456789012345678901234567890123456789012345678901234567890123456

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

075831 LAKENHEATH RAF UK
STATION STATION NAME

49-83

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	34.4	22.0	6.2	15.2	9.5	9.0	3.2	1.2	.3					43.6	979	1.52	3.77	TRACE
FEB	34.2	26.7	5.7	14.4	7.5	8.7	3.6	.5	.1					39.8	881	1.12	2.82	.00
MAR	37.3	22.0	5.8	13.2	8.3	9.1	3.6	.4	.1	.1				40.6	967	1.47	4.63	.00
APR	37.5	21.3	6.1	12.6	6.6	11.4	3.4	.6	.6					41.2	906	1.52	3.61	.00
MAY	41.7	21.1	4.8	13.7	7.7	7.6	3.3	1.4	.1					37.9	961	1.49	4.35	.00
JUN	47.7	19.0	4.9	7.7	5.3	7.4	5.4	2.2	.5					33.4	923	1.85	4.47	.00
JUL	44.4	19.7	4.8	9.9	6.4	7.8	4.4	2.2	.5					36.7	965	1.79	4.65	.00
AUG	44.4	18.7	3.8	10.0	5.9	8.9	5.9	2.1	.3					36.9	952	1.97	6.54	.00
SEP	45.5	22.3	4.2	8.1	5.1	7.1	5.4	2.0	.2					32.1	955	1.72	3.83	.00
OCT	43.4	19.8	5.1	11.6	5.7	8.0	4.5	1.7	.2					36.8	978	1.66	4.33	.00
NOV	31.1	22.5	5.8	14.4	7.5	10.9	5.7	1.7	.3					46.4	880	1.88	4.76	.00
DEC	34.7	24.3	5.7	14.6	7.1	8.8	4.3	1.7	.1					41.7	938	1.61	3.69	.00
ANNUAL	39.6	21.6	5.1	12.1	6.7	8.7	4.4	1.5	.3	.0				38.9	11285	1.67		

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

25831 LAKENHEATH RAF UK
STATION STATION NAME

40-03 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49						*TRACE*	.70*	.73*	.70*	.70*	.70*	.70*	.70	
50		*TRACE*	.20*	.20*	.20*	.00	.20	1.39	.54	.73	.25	1.26	.45	1.39
51		.56	.35	1.10	.80	.39	.40	.25	.75*	1.21	.24	.33	.73	1.21
52		.20	.40	3.44	1.12	.35	.17	.37	.88	.35	.33	.63	.70	3.44
53		.27	.16	.79	1.04	.23	.63	.51	.47	.29	1.72	.36	.18	1.72
54		.21	.33	.41	.15	.80	.99	.73	1.56	.35	.40	.49	.57	1.56
55		.28	.41	.49	.79	.48	.51	.74	.34	.68	.81	.24	.35	.81
56		.58	.21	.15	.31	.45	.45*	.81	.66	.55	.42			
57		*TRACE*												
58			.78*	.78				.71	.41	.54	.63	.66*	.61	
59		.69	.15	.43	.37	.31	.18	2.32	.73*	.70				
60		.91	.61	.88	.29	.28	1.70	.84	.37	.61	.61	1.17	.73	1.37
61		1.02	.49	.78	.52	.45	1.77	.78	.35	.95	.60	.61	.76	1.07
62		.63	.51	.33	.34	.82	.78	.62	.38	.55	.46	.16	.34	.82
63		.46	.50	.47	2.28	.56	.48	.73	.55	.50	.34	.45	.18	2.28
64		.22	.29	.48	.70	.27	.83	.43	.44	.15	.24	.45	.60	.83
65		.71	.15	.42	.42	.73	.72	.62		.53	.26		.50	
66		.11	.35	.16	.26	.19	.73	.39	.99*	.23	.61	.34	.40	.99
67		.11	.28	.21*	.58	.78	.65	.36	.30	.29*	.41	.34*	.33	.78
68		.23	.28	.23	.38	.27	1.15	1.42	.50	.95	.72	.26	.42	1.42
69		.26	.30	.51	.30	1.67	.46	1.05	.66	TRACE	.74	.60	.53	1.67
70		.98	.26	.34	.41	.25	.63	.45	.49	.64	.27	.76	.49	.98
71		1.37	.16*	.35					*TRACE*	.19	.81	.54	.26	
72		.58	.30	.30	.35	.18	.43	.40	.83	.27	.76	.75	.27	.83
73		.13	.34	.23	.40	.41	.70*	1.33	.23	.71	.30	.36	.36	1.33
74		.44	.25	.16	.27	.17	.74	.46	.69*	.76	.39	.67	.34	.76
75		.40	.19	.48	.35*	.37	.41	.27	.12	1.37	.10	.36	.18	1.37
76		.41	.14	.11	.16	.27	.22	.53	.83	.31	.90	1.08	.47	1.08
77		.40	.55	.33	.22	.32	.50	.23	.62	.30	.09	.22	1.91	1.91
78		.21	.26	.35	.32	.97	.43	.57	.56	.44	.13	.27	.67	.97
MEAN														
S.D.														
TOTAL OBS.														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

035831 LAKENHEATH RAF UK
STATION STATION NAME

49-83

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49						*TRACE*	.70*	.70*	.00*	.00*	.70*	.70*	.70	
50		*TRACE*	.77*	.20*	.20*	.00	2.23	4.65	2.17	1.68	.63	2.99	1.05	*15.10
51		1.98	1.79	3.68	2.90	1.58	1.23	.71	2.26*	1.97	.59	1.87	.08	*21.54
52		.84	.64	4.63	2.26	.94	.61	.75	2.85	1.97	1.93	2.70	.74	22.26
53		.39	.78	.17	2.14	1.23	2.98	2.49	1.69	.87	1.94	.77	.34	15.78
54		.64	1.64	1.37	.20	2.41	2.32	2.58	6.54	1.51	1.82	3.32	1.71	26.26
55		1.57	1.88	1.39	.52	1.53	1.05	.04	1.28	1.65	2.71	.76	1.27	15.58
56		2.56	1.39	.43	.79	.64	2.77*	2.31	3.79	1.62	1.88			
57		*TRACE												
58			.78*	.28				* 2.49	2.06	2.85	2.16	1.21*	2.83	
59		2.29	.19	1.01	1.79	.64	.91	3.65	1.50*	.70				
60		* 2.86	1.20	1.53	1.36	.46	3.68	3.18	1.25	3.17	3.91	4.14	3.44	*30.11
61		3.77	2.16	.27	2.25	.90	2.17	2.21	2.07	3.33	3.15	1.96	3.33	27.57
62		2.39	1.38	1.27	2.70	2.27	.18	2.00	1.53	2.44	.80	.96	1.24	18.39
63		1.19	1.27	1.85	3.47	1.67	1.61	2.75	2.45	1.45	1.73	1.98	.79	20.34
64		.68	.62	1.63	1.66	1.01	4.47	.81	1.27	.39	1.27	1.56	1.65	16.75
65		1.87	.65	2.11	1.42	1.15	2.26	2.41		2.03	.49	* 2.63		
66		.75	1.62	.33	1.97	.79	2.36	2.28	1.75*	.36	2.32	1.61	1.87	*17.94
67		.56	.95	.51*	1.40	2.69	.81	1.72	1.19	.82*	1.68	1.39*	.83	*13.81
68		.89	.77	.47	.98	.96	3.43	2.90	2.83	3.33	1.57	1.03	1.55	22.71
69		1.07	1.10	1.99	1.21	3.92	1.35	1.84	1.60	TRACE	.79	2.45	2.73	18.65
70		2.37	1.23	1.59	1.97	.54	1.15	1.84	1.21	1.39	1.22	4.76	2.76	21.83
71		3.65	.50*	.76				*TRACE	.48	3.41	2.86	.71		
72		1.93	1.73	1.28	1.36	.67	1.35	1.59	1.44	1.11	.19	2.27	1.27	15.44
73		.46	.76	.63	1.70	1.69	1.61*	3.12	.79	3.83	1.45	.97	1.23	*18.24
74		1.81	1.89	.98	.61	.63	2.21	1.86	2.45*	2.58	2.38	2.40	1.08	*20.88
75		1.41	.64	2.84	2.14*	1.47	.99	.78	.27	2.73	.33	1.18	.68	*15.43
76		1.13	.40	.39	.29	1.22	.24	.60	1.65	1.62	3.10	2.32	1.84	14.80
77		1.85	2.07	1.52	.91	1.20	1.53	.42	2.36	.49	.33	1.17	3.69	17.54
78		.91	1.21	1.76	1.20	1.34	2.50	2.01	2.00	1.16	.38	.74	2.94	18.15
MEAN														
S.D.														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC 0000 (CEA)

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

45-93

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-9 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

035831
STATION

LAKENHEATH RAF UK
STATION NAME

49-83

YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
	SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4						OVER 50.4
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	81.2	11.2	2.8	3.6	.8	.2	.1	.1						7.6	995	2.2	11.9	.0	
FEB	77.0	15.5	2.5	3.0	.9	.6	.3	.2						7.5	978	2.5	11.4	.1	
MAR	87.2	8.9	1.7	1.6	.3	.1	.2							3.9	1010	1.0	7.0	.0	
APR	93.4	5.5	.6	.3	.1									1.1	930	.2	1.9	.0	
MAY	99.0	1.0													1035	TRACE	TRACE	.0	
JUN	99.9		.1											.1	976	TRACE	.3	.0	
JUL	100.0														1014	.0	.0	.0	
AUG	100.0														1019	.0	.0	.0	
SEP	100.0														987	.0	.0	.0	
OCT	99.9	.1													1046	TRACE	TRACE	.0	
NOV	95.3	3.2	.4	.7		.3		.1						1.5	998	.7	6.1	.0	
DEC	87.0	8.5	1.5	1.9	.4	.5		.1						4.5	979	1.6	11.0	.0	
ANNUAL	93.3	4.5	.8	.9	.2	.1	.0	.0						2.2	11897	8.2			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

035831 LAKENHEATH RAF UK
STATION STATION NAME

49-83

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
49					.0	.0	.0	.0	.0	.0	.0*	.0	
50	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3
51	1.0	TRACE	TRACE	TRACE	.0	.0	.0	.0*	.0	.0	.0	TRACE	1.0
52	.6	.3	4.0	TRACE	.0	.0	.0	.0	.0	.0	1.0	.5	4.0
53	2.0	1.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0
54	2.5	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5
55	1.3	4.1	1.1	.0*TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1
56	2.2	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0*	.2	2.2
57	*.7	*.0	.0	*.0*	.0*	.0*	.0*	.0	*.0*	.0*	.0	.0	
58	*TRACE*	1.0	.0	*.0*	.0*	.0*	.0	.0	.0	.0	.0*	.5	
59	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	*2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	*2.0
61	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.1
62	2.0	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7	5.0
63	2.4	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1
64	1.8	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	1.8
65	.2	1.2	1.0	.1	.0	.0	.0	.0	.0	.0	1.3	TRACE	1.3
66	1.2	1.7	TRACE	1.6	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
67	1.1	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.7	1.7
68	.8	TRACE	.1	1.3	.0	.0	.0	.0	.0	.0	.0	3.0	3.0
69	TRACE	2.9	.1	TRACE	.0	.0	.0	.0	.0	.0	6.0	3.0	6.0
70	.9	3.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
71	.2	TRACE*	1.1					*.0	.0	.0	2.5	.4	
72	1.0	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
73	TRACE	.1	TRACE	TRACE	.0	.0*	.0	.0	.0	.0	.9	.0	.9
74	.0	TRACE	.5	.0	.0	.0	.0	.0*	.0	TRACE	.0	.1	.5
75	TRACE	.0	.8	.3*	.0	.3	.0	.0	.0	.0	.0	TRACE	.8
76	4.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
77	1.1	.3	2.0	.6	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
78	1.1	1.1	4.0	TRACE	.0	.0	.0	.0	.0	.0	2.5	1.0	4.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-00-5 (OEA)

FROM DAILY OBSERVATIONS

C75831 LAKENHEATH RAF UK
STATION STATION NAME

45-83

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

35631 STATION LAKENHEATH RAF UK STATION NAME

40-97 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					.1	.1	.3	.1	.1	.1	.3*	.0	
51	*TRACE	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	2.1	* 2.1
52	1.7	TRACE	TRACE	TRACE	.7	.7	.7	.0*	.0	.7	.0	TRACE	* 1.7
53	.8	.3	7.0	TRACE	.7	.7	.1	.2	.1	.7	1.0	.9	17.0
54	3.1	3.1	.7	TRACE	.7	.7	.7	.7	.7	.7	.7	.7	6.1
55	4.1	2.7	2.4	.7	.7	.7	.7	.7	.7	.7	.7	TRACE	9.2
56	3.3	11.3	1.7	.0*TRACE	.7	.7	.7	.7	.7	.7	.7	TRACE	* 16.3
57	4.4	11.4	TRACE	TRACE	.7	.7	.7	.7	.7	.7	.7	.2	* 16.3
58	.1	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	
59	*TRACE*	1.0	.7	.7	.7	.7	.7	.7	.7	.7	.7	.5	
60	2.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	
61	* 3.1	TRACE	TRACE	.7	.7	.7	.7	.7	.7	.7	.7	TRACE	* 3.0
62	TRACE	TRACE	TRACE	.7	.7	.7	.7	.7	.7	.7	.7	9.2	9.2
63	3.1	9.6	2.0	.7	.7	.7	.7	.7	.7	.7	.7	TRACE	22.1
64	9.4	9.4	TRACE	TRACE	.7	.7	.7	.7	.7	.7	.7	TRACE	18.9
65	2.5	TRACE	.9	.7	.7	.7	.7	.7	.7	.7	.7	TRACE	9.2
66	.4	2.2	2.1	.1	.7	.7	.7	.7	.7	.7	.7	TRACE	6.3
67	2.1	2.2	TRACE	1.9	.7	.7	.7	.7	.7	.7	.7	TRACE	6.1
68	1.9	.7	TRACE	TRACE	TRACE	.7	.7	.7	.7	.7	.7	2.5	4.3
69	2.3	TRACE	.1	1.7	.7	.7	.7	.7	.7	.7	.7	3.6	7.4
70	TRACE	7.4	.1	TRACE	.7	.7	.7	.7	.7	.7	.7	6.1	18.0
71	1.1	4.2	3.6	TRACE	.7	.7	.7	.7	.7	.7	.7	3.2	12.1
72	.2	TRACE*	2.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	
73	1.3	TRACE	.3	.7	.7	.7	.7	.7	.7	.7	.7	TRACE	1.5
74	TRACE	.1	TRACE	TRACE	.7	.7	.7	.7	.7	.7	.7	1.5	* 1.6
75	.7	TRACE	.7	.7	.7	.7	.7	.7	.7	.7	.7	.2	* .7
76	TRACE	.7	1.7	.3*	.7	.7	.7	.7	.7	.7	.7	TRACE	* 2.3
77	4.3	TRACE	TRACE	.7	.7	.7	.7	.7	.7	.7	.7	.6	4.6
78	1.4	.3	2.1	.8	.7	.7	.7	.7	.7	.7	.7	TRACE	4.6
79	2.7	2.4	4.0	TRACE	.7	.7	.7	.7	.7	.7	.7	1.2	13.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OEA)

EXTREME X VALUES
XXXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

45-87

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-9 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION LAKENHEATH RAF UK
STATION NAME

52-83

YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
			0	0.05	0.10	1.25	2.50	5.10	10.25	25.50	50.10	10.01	20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.10	0.51	1.52	2.53	3.54	4.56	6.51	10.51	15.52	25.53	50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4	7	12	13	24	25	36	37	48	49	60	61	120	OVER 120
JAN	85.6	6.4	4.7	1.7	1.1	1.2									7.9	947			
FEB	84.5	7.4	2.8	2.5	1.7	.9	.1								8.7	846			
MAR	97.5	1.8	.3	.2		.1									.6	932			
APR	99.9	.2															888		
MAY	100.0																891		
JUN	100.0																856		
JUL	100.0																921		
AUG	100.0																926		
SEP	100.0																919		
OCT	100.0																953		
NOV	98.4	.7	.4	.2	.1	.2									1.0	910			
DEC	92.9	3.1	2.1	1.4	.5										4.1	938			
ANNUAL	96.6	1.6	.8	.5	.3	.2	.7								1.8	17927			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
APO WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

015831 LAKENHEATH RAF UK
STATION STATION NAME

52-83

YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52												TRACE	TRACE	
53			1	1										
54			1	1										
55			6	TRACE										
56			3											
57		*	0*	0*	0*	1*	1*	0*	0*	0*	0*	0*	2	*
58		*TRACE*	2*	0*		*	0*	0	0*	0*	0*	0*	TRACE	
59		TRACE										0*	0	TRACE
60		*	4	TRACE								0	0	*
61												0	0	
62			2									0	0	
63			4	TRACE								0	TRACE	
64												0	0	
65												0	0	
66												0	0	
67												0	0	
68												0*	0	*
69		1*	2									5	0	
70												0	0	
71			0*					*				1	0	
72			1	TRACE								0	0	
73								0*				1	TRACE	
74				TRACE								0	0	TRACE
75				TRACE	TRACE*				0*			0	0	TRACE
76												0	0	
77		TRACE			TRACE							0	0	TRACE
78												0	0	
79				TRACE								0	0	
80		TRACE										0	0	
81		TRACE	TRACE									0	0	
MEAN														
S D														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 01 088-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

075831 LAKENHEATH RAF UK

60-52

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
60	WNW*35SSW 30WNW 31SW 34E 22S 29WSW 30SE 23NW 38NW 24SW *28WSW 42	WSW 42											
61	W 37WSW 46NNW*35SW 28W *32NNW 23W 31WSW 40SSW*30WNW 35SW 40SW *41	WSW 46											
62	SSW*45W *41SE *32SW *34SSW*33WSW*35WSW 30SSW 32S *6WNW 33N 34W 54	W 54											
63	FNE*35ESE*33SW *40SE 32W *39W 37SW 27SW *35W *27ESE*28SW 47SW *26	SW 47											
64	W *29W *27E *28NNW 31S *5NE 71WSW 32SSW 28WSW 44SSW 33SW 37W 45	W 45											
65	S *43W 32ENE 35WNW 40WSW 43WSW 39WSW 35W 32W 40SW 32WSW 44WSW 47	WSW 47											
66	WSW 38SSW 39W 53SSW*30SW 51W 34W 35WSW 34WSW 34SW 34W 42WSW 48	W 53											
67	NNW 37W 54SW 44NNW 41SSW 47SW 36WNW 28W 33SSW 50WSW 51W 42SW 37	W 54											
68	SW 48S 34N 54SW 38WSW*37S *3834/ 5027/ 2922/ 4323/ 3333/ 3317/ 76	N 54											
69	16/ 4236/ 4025/ 3827/ 4820/ 3435/ 2837/ 2436/ 2625/ 3629/ 2822/ 42	6/ 76	27/ 48										
70	11/ 3329/ 4629/ 3636/ 3529/ 3428/ 2822/ 3522/ 3821/ 3729/ 3425/ 4217/ 32	29/ 46											
71	23/ 31 3/ 32 5* 29												
72	28/ 4715/ 3125/ 3926/ 3823/ 4026/ 34 7/ 3119/ 3718/ 3127/ 3730/ 4220/ 78	28/ 47											
73	19/ 3523/ 4132/ 2927/ 54 9/ 4729/ 2727/ 2724/ 39 9/ 3127/ 3825/ 3631/ 47	27/ 54											
74	27/ 5618/ 4521/ 38 6/ 3012/ 2925/ 3626/ 38 4/ 3021/ 5036/ 3420/ 4026/ 41	27/ 56											
75	24/ 5219/ 28 2/ 3826/ 30 2* 3821/ 3226/ 3523/ 2927/ 4727/ 3917/ 3626/ 37	24/ 57											
76	25/ 7136/ 4423/ 3929/ 3426/ 4223/ 77 7/ 27 6/ 2826/ 3415/ 4018/ 4118/ 36	25/ 77											
77	21/ 4025/ 4123/ 4226/ 45 4/ 3922/ 3425/ 2830/ 3022/ 3427/ 3424/ 5323/ 64	23/ 64											
78	31/ 5315/ 3423/ 4234/ 3135/ 2924/ 3226/ 2724/ 2527/ 3828/ 3419/ 39 6/ 45	31/ 53											
79	33/ 43 4/ 3422/ 4224/ 3920/ 3523/ 2718/ 2719* 22												
80	13/ 4520/ 24 6/ 3332/ 38 4/ 3123/ 3934/ 3223/ 3525/ 4522/ 4525/ 4123/ 37	13/ 45											
81	29/ 4123/ 4123/ 38 2/ 3618/ 3121/ 3127/ 2825/ 2721/ 4322/ 4727* 4812* 50	12* 50											
82	9/ 3212/ 2628/ 4224/ 3831/ 38 8/ 3324/ 2825/ 3727/ 3714/ 3221* 3722/ 41	28/ 42											
83	24/ 4425/ 4224/ 5435/ 3423/ 28												
MEAN	43.3	37.9	40.4	36.9	35.6	31.9	31.1	31.6	39.1	35.6	42.2	41.8	53.1
S.D.	9.723	7.519	7.073	6.382	6.801	4.392	5.537	4.914	5.982	6.234	4.568	7.324	7.943
TOTAL OBS	718	654	777	675	694	644	677	653	648	681	668	692	8111

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 000-3 (OLA)

1 (BASED ON LESS THAN FULL MONTHS AND >120 KNOTS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

07031 LAKENHEATH PAP UK STATION NAME

74-53 YEARS

JAN MONTH

ALL WEATHER CLASS

0000-0200 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	.2	.1		.2	.1					2.2	7.7
NNE	.1	.2	.6	.2								1.2	7.5
NE	.7	.5	.9	.1								1.8	6.8
ENE	.4	.6	.2	.5	.3							2.2	9.4
E	.3	.6	.6	.3	.3							2.3	8.8
ESE		1.4	1.2	.2	.2							3.2	8.2
SE	.6	1.2	1.4	.5	.3							3.2	8.2
SSE	.9	1.9	1.7	1.6	.5							6.7	9.7
S	2.3	1.9	3.2	5.1								12.5	9.6
SSW	1.3	2.4	4.4	4.2	.9	.4		.1				13.7	10.2
SW	.9	1.4	3.9	4.7	.4	.3						11.6	10.3
WSW	.6	1.2	3.4	3.9	.3	.1						9.6	10.0
W	.4	1.8	2.5	2.5	.5	.2		.1				8.1	10.5
WNW	.3	1.6	1.1	.9	.2	.2						4.3	8.9
NW	.1	.8	.9	1.2								2.7	9.8
NNW	.2	.5	.3	.2								1.3	6.7
VARBL			.9	.5	.4							1.7	13.3
CALM												11.5	
	9.8	18.5	27.3	26.6	4.5	1.5	.1	.2				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 170931 LAKENHEATH RAF UK STATION NAME 70-03 YEAR JAN
CLASS ALL WEATHER MONTHS 0100-2500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.4	.5		.1	.2						2.2	7.7
NNE	.3	1.1	.4									2.3	5.0
NE	.2	.4	.5									1.5	5.3
ENE		.1	.5	.5	.2							1.5	11.4
E	.3	.9	.8	.8								2.7	8.4
ESE	.4	1.1	.6									2.2	5.4
SE	.3	1.2	1.2	1.0	.1							4.3	8.5
SSE	.4	1.2	2.0	1.9	.5	.1						7.1	9.1
S	1.7	2.4	3.1	3.3	1.1	.2						11.8	9.5
SSW	.0	2.2	4.2	5.1	.8	.1						13.1	10.0
SW	.4	2.3	4.3	3.8	.4	.9						12.4	10.1
WSW	.6	.9	3.3	4.0	.1	.2						9.1	10.4
W	.9	1.8	1.6	3.1	.6							8.1	9.9
WNW	.3	1.0	1.3	.4	.1							3.1	8.0
NW		1.2	.0	.8								2.8	8.4
NNW	.5	.9	.2	.1								1.7	5.1
VARBL			.6	1.0	.3							1.9	13.0
CALM												12.3	
	9.7	19.4	26.9	25.7	4.4	1.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35931 STATION NAME LAKEWHEATH RAF UK YEARS 74-83 MONTH JAN
CLASS ALL WEATHER NUMBER (L.B.T.) 2632-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.4	.1	.2							1.8	7.4
NNE	1.3	.5	.6									2.5	4.4
NE	.3	.2	.5	.2								1.2	7.2
ENE	.4	.1	.3	.5								1.4	8.4
E	.8	.4	.6	1.1								2.9	8.9
ESE	.4	1.1	.6									2.4	5.6
SE	.5	1.9	1.4	.5	.2		.1					4.7	7.9
SSE	.8	1.5	2.4	2.4	.6							7.6	9.8
S	1.7	2.7	2.9	3.4	1.7	.2						11.9	9.2
SSW	.6	2.2	3.7	4.6	.6	.3						11.4	10.6
SW	.6	2.9	4.4	5.1	.8	.9	.1					14.6	12.7
WSW	.9	1.2	4.0	3.0	.3	.1	.1					9.6	9.7
W	.6	1.2	2.4	2.4	.5							7.1	9.9
WNW	.8	.6	.6	.9	.2							3.1	8.3
NW	.2	1.7	1.3	.9	.2							3.5	9.0
NNW	.5	.5	.3	.3								1.7	6.3
VARBL			.1	1.0	.1							1.2	13.5
CALM												11.3	
	17.8	18.8	26.2	26.3	9.8	1.4	.3					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35831 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MONTH JAN
CLASS ALL WEATHER MONTHS 1977-1978
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.0	.6	.7	.1							2.2	7.0
NNE	.5	.5	.3									1.4	4.6
NE	.7	.5	.3									1.1	4.9
ENE	.1	.1	.3	.6	.7							1.9	11.2
E	.3	.3	1.1	.8	.3	.1						2.9	10.7
ESE	.4	1.6	1.0	.2								3.2	6.3
SE	.6	1.4	1.1	1.7	.1	.1						4.3	7.9
SSE	.4	1.6	2.5	1.4	.5	.1						6.6	9.2
S	1.7	2.3	4.4	3.0	1.0	.1						13.7	9.6
SSW	.1	1.0	4.1	3.4	1.3	.3						11.2	11.2
SW	.6	2.0	4.2	4.6	1.1	1.7	.1					13.7	11.4
WSW	.3	1.3	2.9	5.4	.4	.2						11.7	10.7
W	.9	1.6	1.9	2.7	.6	.5						8.3	10.7
WNW	.0	.5	1.2	.8	.2							3.6	8.5
NW	.3	1.7	1.2	1.0	.2							4.1	8.5
NNW	.3	.4	.6	.3								1.7	7.9
VARBL			.9	1.1	.6							2.5	13.6
CALM												7.5	
	8.4	18.5	29.0	27.2	6.8	2.5	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 035931 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MONTHS JAN
CLASS ALL WEATHER HOURS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.8	.6	.2							2.5	9.1
NNE	.1	.5	.5	.1								1.3	7.0
NE	.2	.3	.6	.4	.1							1.7	8.6
ENE	.2	.1	.5	.9	.1							1.8	10.6
E	.1	.1	1.4	1.2	.3	.1						3.2	11.7
ESE	.1	.9	.6	.3	.2							2.2	8.8
SE	.9	1.0	1.6	1.6	.3							5.4	9.0
SSE	1.0	1.0	1.4	1.8	.3	.2						5.7	9.4
S	.4	1.2	3.5	5.4	1.2							11.7	11.1
SSW	.3	1.3	4.0	3.1	1.4	.2						10.3	11.2
SW	.3	1.6	3.3	3.8	1.6	.3		.1				11.1	11.9
WSW	.2	1.3	3.2	5.2	1.3	.6						11.8	12.1
W	.4	1.2	2.8	4.1	2.6	1.0	.2					12.3	13.3
WNW	.5	1.3	1.7	1.5	.4	.1						5.6	9.9
NW	.5	1.3	1.3	1.0								4.1	7.8
NNW	.2	1.2	1.1	.6	.2	.1						3.4	9.1
VARBL	.2		.4	.5	.9	.2	.1					2.4	15.4
CALM												3.5	
	6.2	14.6	28.9	32.2	11.2	2.9	.3	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03831 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MONTH JAN
 CLASS ALL WEATHER
 CONDITION 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3	1.2	.5	.3		.1					3.1	9.4
NNE	.1	.8	.5									1.4	5.8
NE	.1	.5	.4	.3								1.4	7.8
ENE	.3	.2	.6	.9	.3							2.4	10.8
E	.4	.8	.8	.8	.2							2.9	8.8
ESE	.4	.6	1.7	.2	.1	.7						2.6	8.6
SE	.8	.8	1.9	.4								3.9	7.0
SSE	.5	1.6	2.0	1.6	.1	.2						6.2	8.9
S	.8	2.7	4.5	3.9	.5	.4						12.2	17.0
SSW	1.4	1.6	2.4	3.2	1.7							9.6	9.8
SW	.4	1.8	4.0	4.3	.6	.2						12.4	10.2
WSW	.5	1.8	3.9	3.0	1.4	.4						11.1	11.2
W	.9	1.4	1.7	3.5	1.2	.1						8.8	11.1
WNW	.9	.9	1.3	1.8	.3							5.2	9.7
NW	1.6	.5	1.4	1.0								4.5	6.7
NNW	.3	1.4	1.1	.6	.3	.1						3.9	8.7
VARBL			1.7	.6	.4	.4						2.5	14.3
CALM												6.1	
	17.2	17.1	37.6	26.8	6.9	2.2	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35831 STATION LAKENHEATH RAF UK 74-83 YEARS JAN MONTH
1979-2000
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.7	.3	.6	.1	.2	.1					2.6	10.5
NNE	.4	.4	.7									1.1	4.6
NE	.1	.5	1.7	.8								2.4	8.9
ENE	.2	.2		.6	.4							1.5	11.9
E	.4	.4	.0	.5	.3							2.6	9.5
ESE	.4	.6	1.1	.2	.1	.1						2.5	7.7
SE	.5	1.8	1.2	.4	.1							4.1	6.7
SSE	1.3	1.7	2.4	2.5	.2							8.1	8.2
S	.9	1.7	4.7	2.7	.4	.1						9.8	9.5
SSW	1.4	1.8	4.4	4.7	.6	.1	.2					12.6	10.0
SW	.6	2.9	5.3	3.7	.6	.9						14.7	10.0
WSW	.5	2.0	3.4	2.7	.8	.3						9.8	9.8
W	.6	1.2	2.7	3.7	.8	.1						8.4	10.5
WNW	.8	.5	1.1	1.4	.1	.1						4.2	9.8
NW	.4	.2	1.1	.9								2.6	8.6
NNW	.2	.4	1.4	.7	.1							2.4	8.5
VARBL			.3	.9	.1	.1		.1				1.5	14.8
CALM												10.2	
	9.1	17.6	37.6	25.1	4.8	2.0	.3	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 LAKEHURST RAF UK

74-83

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

0100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.5	.3	.1	.2						2.3	8.3
NNE	.7	.7	.7									.9	4.9
NE		.4	.9	.6								1.8	9.6
ENE	.1		.6	.8	.1							1.6	11.6
E	.3	.8	.9	.3	.3							2.6	8.3
ESE	.7	1.1	1.1	.4	.1							2.9	8.1
SE	.8	1.4	1.9	.3	.7							4.6	7.1
SSE	.9	1.9	2.3	1.9	.1	.1						7.2	8.6
S	1.7	2.4	3.5	3.2	.2	.2						11.3	8.4
SSW	1.4	2.2	4.3	4.2	.3	.4	.1					12.9	9.6
SW	1.7	2.6	4.1	5.4	.9	1.7						14.3	10.9
WSW	.5	1.7	2.5	3.3	.4	.1		.1				8.7	17.1
W	1.4	1.3	2.3	2.7	.3	.2	.1		.1			8.4	16.2
WNW	.4	1.1	1.6	1.1								4.2	9.1
NW		.6	.8	.8	.1							2.3	9.8
NNW		.7	1.2	.1								1.5	8.5
VARBL			.2	1.1								1.3	12.4
CALM												10.3	
	9.8	18.4	28.9	26.6	3.2	2.4	.2	.1	.1			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 075931 LAKENHEATH RAF UK STATION NAME 74-83 YEARS JAN MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6	.6	.7	.1	.1	.7					2.4	3.5
NNE	.4	.5	.5	.7								1.5	5.7
NE	.7	.4	.6	.3	.7							1.5	7.6
ENE	.7	.2	.5	.7	.2							1.3	15.5
E	.4	.5	.9	.7	.2	.7						2.9	9.4
ESE	.3	1.7	.9	.2	.1	.7						2.6	7.3
SE	.5	1.3	1.5	.7	.2	.7	.5					4.4	7.8
SSE	.8	1.6	2.1	1.9	.4	.1						6.2	8.9
S	1.3	2.1	3.7	3.8	.7	.2						11.9	9.5
SSW	.9	1.9	3.8	4.0	.9	.2	.7	.7				11.8	15.3
SW	.7	2.2	4.3	4.4	.8	.7	.7	.7				13.1	19.7
WSW	.5	1.4	3.3	3.8	.6	.3	.7	.7				12.1	10.5
W	.8	1.4	2.2	3.0	.9	.3	.7	.7	.7			8.7	12.9
WNW	.6	.9	1.2	1.1	.2	.1						4.1	9.0
NW	.5	.8	1.1	.9	.1							3.3	8.4
NNW	.3	.7	.8	.3	.1	.7						2.2	7.9
VARBL	.7		.5	.8	.4	.1	.0	.0				1.9	13.9
CALM												9.1	
	9.2	17.9	28.6	27.0	5.8	2.1	.2	.1	.7			100.7	8.8

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 031831 STATION NAME LAKENHEATH PAF UK YEARS 74-83

ALL WEATHER CLASS

CONDITION

PERIOD 000-2400 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	1.2	.5								5.1	5.8
NNE	1.3	1.9	1.3	.5								5.2	6.3
NE	1.0	2.6	2.7	.6	.1							8.2	6.5
ENE	.7	1.8	2.6	1.2								6.3	7.8
E	.5	1.7	1.7	1.4	.1							5.5	8.0
ESE	1.7	2.2	1.6	.4	.4							5.7	6.7
SE	.2	2.7	2.2	.7	.1							6.7	7.1
SSE	1.6	1.2	1.9	1.2								5.9	6.8
S	1.7	1.2	2.7	2.6	.5							7.4	8.5
SSW	.2	1.6	2.5	1.6	1.2							7.6	9.6
SW	.7	.8	2.9	1.3	.2	.2						6.2	9.4
WSW	.1	1.2	2.9	1.2	.4	.1	.2					6.1	10.4
W	.7	.5	1.1	.7								3.7	7.7
WNW	.8	.2	.2			.1						1.4	5.8
NW	.1	.2	.5	.5								1.3	8.9
NNW	1.1	.7	.2	.2								2.3	4.7
VARBL			.8	.8	.1							1.8	11.9
CALM												15.3	
	15.2	22.6	28.3	14.8	3.1	.5	.2					100.2	6.6

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 19931 LAKENHEATH RAF UK STATION NAME 74-53 YEARS FEB NORTH
CLASS ALL WEATHER HOURS (L & T) 0300-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	.8	.5								5.3	5.4
NNE	1.6	1.8	1.4	.7	.1	.1						5.3	6.2
NE	1.1	2.6	2.2	.7		.1						5.7	6.9
ENE	.4	1.7	2.7	1.7	.1							5.2	7.9
E	1.7	1.4	2.6	1.0								6.2	8.2
ESE	1.7	2.5	1.6	.6								5.6	6.4
SE	1.7	1.9	1.4	1.3								5.5	7.4
SSE	1.2	1.7	2.2	.7	.2							6.1	7.7
S	1.4	1.8	1.4	1.8	.7	.7						7.2	8.7
SSW	.6	1.2	1.7	1.8	.5							6.1	9.3
SW	.4	1.7	2.7	1.1	.1	.7	.1					6.3	9.1
WSW	.6	.8	3.2	1.2	.6							6.5	9.6
W	.4	.4	1.1	.6								2.4	8.0
WNW	.6	.8	.7	.4								2.1	6.4
NW	.4	.5	.5	.4								1.1	7.5
NNW	.4	.2	.1									.7	3.8
VARBL			.5	.7	.2							1.1	12.7
CALM												17.0	
	14.1	23.8	26.4	15.2	2.3	.7	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 140671 LAKENHEATH RAF UK YEARS 74-93 PER MONTH SEP
STATION NAME LAKENHEATH RAF UK CLASS ALL WEATHER HOURS (L & T) 0400-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.2	.7	.4		.1						4.2	5.8
NNE	1.8	1.6	1.2	.2	.1	.1						4.3	5.8
NE	2.7	1.7	2.7	.8	.1							6.7	6.5
ENE	.5	1.1	1.0	1.9	.7							6.5	9.0
E	1.3	1.0	2.5	2.3	.1							9.1	8.1
ESP	.5	3.3	1.6	.4								5.7	6.1
SE	1.2	2.4	1.2	.4								5.1	5.6
SSE	.6	2.2	2.5	1.1	.5							6.8	3.4
S	1.7	1.7	1.9	2.5	.7	.7						7.5	9.2
SSW	1.7	1.1	3.7	.8	.5							7.7	8.4
SW	.2	1.7	1.7	1.1								5.3	7.5
WSW	.3	1.1	1.4	1.4	.4	.7						5.4	9.2
W	.7	.5	1.4	.7								3.3	7.9
WNW	.5	.4	.4	.8								2.2	7.8
NW		.1	.4	.4								.9	1.3
NNW	.4	.5	.5	.2								1.6	6.8
VARBL			.6	.8	.7							1.7	12.5
CALM												19.2	
	15.4	2.9	25.3	16.2	2.3	.7						128.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75231 STATION LAKEHURST AFB TX STATION NAME LAKEHURST AFB TX YEARS 74-83 FFS 1974-1983
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	1.1	.7		.7						4.4	7.2
NNE	.5	1.9	1.7	1.7	.4	.1						4.2	8.5
NE	1.7	1.4	1.6	1.7	.1							5.7	6.7
ENE	.6	1.6	3.7	2.4	.7							7.8	9.7
E	.4	1.8	2.7	3.7								7.2	9.7
ESE	.4	1.3	1.6	1.4	.1							5.3	8.6
SE	.3	1.1	2.2	1.3								5.4	7.8
SSE	.5	1.6	1.8	1.8								5.6	8.4
S	1.2	1.6	2.4	3.1	.8	.7						9.7	11.7
SSW	.2	1.3	1.8	2.7	.5							5.2	9.7
SW	1.7	1.3	2.7	2.5	.6							8.1	9.3
WSW	1.7	.9	1.7	1.1	.4	.1	.1					5.1	9.4
W	.5	.6	1.2	.7	.7							3.2	3.8
WNW	.5	1.1	.1	1.7								2.6	7.6
NW	.7	1.3	.4									2.4	4.9
NNW		.1	.7	.1								1.7	8.3
VARBL			3.7	1.2	.1	.7						4.5	11.1
CALM												1.7	
	12.9	20.5	28.1	25.0	3.5	1.7	.1					127.7	7.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 07831 STATION NAME LAKENHEATH RAF MK YEARS 74-83 MONTH FEB
CLASS ALL WEATHER HOURS (L & T) 1200-1400
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.3	.7	.5	.7						3.3	10.6
NNE	.5	.8	1.6	1.3	.5	.7						4.9	10.3
NE		1.9	1.9	1.8	.1							5.7	8.9
ENE	.4	1.7	2.6	3.8	.7	.1						8.8	9.9
E	.4	1.9	2.2	3.0	.5							7.9	10.1
ESE	.5	.5	1.4	2.4	.7							5.1	10.2
SE	.5	1.7	1.3	1.4	.1							5.0	8.1
SSE	.9	1.1	1.6	2.4	.1							6.0	9.1
S	1.7	1.6	2.2	3.1	.5	.2						8.5	10.2
SSW	.7	1.1	2.5	3.3	.2							7.4	10.8
SW	.0	1.4	1.6	1.8	.7	.1						5.5	9.9
WSW	.4	1.1	1.2	1.1	.4	.7		.1				4.4	11.1
W	1.1	1.0	1.3	2.2	.7							7.2	9.1
WNW	.7	1.7	.6	.5	.1							3.1	7.2
NW	.7	1.4	.6	.6								2.9	7.2
NNW	.4	.5	1.4	.4		.7						2.9	8.4
VARBL			2.4	2.2	.4	.7	.1					5.3	12.0
CALM												4.7	
	7.5	21.3	27.6	31.9	5.3	1.6	.1	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 075031 LAKEHURST RAP IDK STATION NAME 74-83 YEARS FE3
CLASS ALL WEATHER HOURS (LST) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.3	.7	.4							4.3	8.2
NNE	1.7	.3	2.7	.6	.4							4.8	8.3
NE	.5	.8	3.7	1.5	.2							5.8	9.2
ENE	.4	1.7	3.1	3.1	.4							8.6	9.4
E	1.7	2.7	2.3	2.6	.4							8.9	8.5
ESE	1.0	1.2	1.0	2.4	.1							6.5	8.6
SE	.6	.8	2.6	1.0	.1							5.1	8.7
SSE	1.7	1.1	3.1	1.4								6.5	8.2
S	1.2	1.7	3.1	1.9	.5	.1						3.5	8.8
SSW	.6	1.4	1.7	2.0	.4	.1						6.2	9.7
SW	.9	.6	1.4	1.7	.4	.1						5.7	9.9
WSW	.3	.7	1.2	1.7	.5							4.2	9.3
W	1.4	1.3	2.0	1.2	.7							6.7	8.7
WNW	.6	1.7	1.7	.6								3.1	7.2
NW	.6	1.7	.5	.5								2.5	6.5
NNW	.4	.8	1.8									3.7	6.9
VARBL		.1	1.0	1.7	.5	.1						3.3	12.9
CALM												7.0	
	12.1	19.2	32.6	23.8	4.8	.5						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 175631 LAKENHEATH RAF UK YEAR 74-83 MONTHS FEB
STATION NAME ALL WEATHER CLASS 1920-2600
CONDITION MOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.4	.7	.1							4.9	7.7
NNE	1.2	2.5	1.2	.5								5.4	5.8
NE	1.8	2.1	1.9	.7	.7							6.3	6.6
ENE	1.4	2.0	3.6	1.0								9.9	7.6
E	1.2	2.0	1.7	1.8	.4							7.9	7.5
ESE	1.7	2.3	1.8	1.4								7.2	6.7
SE	.7	1.6	2.9	1.6								6.7	8.3
SSE	1.2	1.9	1.7	1.6	.1							6.1	7.9
S	1.2	1.3	3.7	2.8	.7	.5						8.7	9.6
SSW	.6	.8	1.3	1.1	.7	.7						4.3	9.9
SW	.4	1.1	1.7	2.1	.6							5.8	.1
WSW	.4	.5	1.2	1.2	.1							3.3	.7
W	.3	1.1	1.1	1.3	.1							4.4	7.9
WNW	.5	.8	.6	.1	.1							2.1	6.9
NW	.7	.7	.6	.1								2.1	5.7
NNW	.4	.4	.1	.2								1.1	5.4
VARBL			.4	.6	.1							1.1	12.8
CALM												13.1	
	15.7	23.6	25.7	19.5	2.4	.7						122.0	6.9

TOTAL NUMBER OF OBSERVATIONS 338

GICRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035831 STATION NAME LAKENHEATH RAF UK YEARS 74-83 FEB 2100-2300
MOON
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	.7	.7								6.2	5.4
NNE	1.7	2.2	1.9	.4	.1							5.4	6.4
NE	1.9	1.9	1.3	.4								5.5	5.5
ENE	.8	1.6	2.6	1.7	.1							6.8	8.1
E	2.7	1.9	2.0	1.9	.4							8.2	7.5
ESE	1.2	3.7	2.7	.8								7.0	6.5
SE	.4	2.4	1.8	1.6								6.1	7.6
SSE	1.0	1.6	1.3	1.0								5.7	7.8
S	1.3	1.3	2.6	3.6								8.8	9.2
SSW	.8	1.7	2.6	2.9	1.7							8.2	10.2
SW	.4	.7	.6	.8	.2							2.7	8.9
WSW		.4	2.0	1.6	.4	.1						4.9	11.1
W	1.6	1.4	1.8	.6								5.4	6.4
WNW	.8	.4	.5	.1								1.8	5.5
NW	.5	.2	.2	.4	.1							1.4	7.5
NNW	.1		.2	.1								.5	9.0
VARBL		.1	.5	.4	.4							1.3	12.1
CALM												14.3	
	15.9	22.6	24.7	19.7	2.6	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-83 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MONTH FEB
 CLASS ALL WEATHER MONTH ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.1	.6	.1	.1						4.3	6.7
NNE	1.1	1.7	1.4	.6	.2	.1						5.7	7.1
NE	1.4	1.9	2.7	.9	.1	.7						6.4	7.1
ENE	.7	1.6	2.7	2.2	.1	.7						7.4	8.6
E	1.7	2.7	2.1	2.3	.2							7.7	8.5
ESE	.9	2.1	1.7	1.2	.1							6.7	7.4
SE	.7	1.8	1.9	1.1	.7							5.6	7.6
SSE	1.7	1.5	2.7	1.5	.1							6.1	8.0
S	1.7	1.5	2.3	2.6	.4	.7						8.2	9.3
SSW	.6	1.2	2.2	1.9	.6	.7						6.6	9.7
SW	.7	1.2	1.9	1.6	.4	.1	.7					5.7	9.2
WSW	.5	.8	1.9	1.2	.4	.1	.7	.7				4.9	10.0
W	.9	1.7	1.4	1.7	.2							4.4	9.1
WNW	.6	.8	.5	.4	.7	.7						2.4	6.9
NW	.4	.7	.4	.3	.7							1.9	6.7
NNW	.4	.4	.6	.2		.7						1.6	6.6
VARBL		.7	1.1	1.7	.7	.1	.7					2.6	12.0
CALM												12.7	
	13.3	21.9	27.3	27.8	3.3	.7	.1	.7				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 6700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 135831 STATION NAME LAKENHEATH RAF UK YEARS 74-83
CLASS ALL WEATHER
CONDITION
MAC 0000-2200
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.7	2.4	.4								6.1	5.9
NNE	.9	.4	2.0	.9		.1						4.3	8.7
NE	.2	.4	.5	1.2	.2	.1						2.7	11.6
ENE	.3	.4	1.1	.4								2.3	7.5
E	.6	1.1	1.4	1.0								4.1	7.5
ESE	.3	1.3	1.2	.2								3.0	6.6
SE	.1	3.2	1.3	.3	.1							5.3	6.5
SSE	1.1	1.5	1.3	.6	.1							4.6	6.5
S	1.5	2.4	2.0	1.7	.2	.4						9.1	8.8
SSW	1.0	.9	4.5	2.4	.9	.2						9.8	10.0
SW	.6	2.3	3.3	4.3	1.7	.1						11.6	10.1
WSW	.9	2.7	2.4	1.6	.5	.2						8.3	8.7
W	.4	1.7	1.2	1.2	.5							5.1	9.8
WNW	.2	1.1	1.0	.2	.1							2.6	7.8
NW	.8	1.0	.5	.3	.3							2.9	7.8
NNW	.3	1.1	.6	.1								2.2	6.1
VARBL			.8	.2	.2	.1						1.3	12.0
CALM												14.8	
	11.1	23.1	28.4	17.1	4.2	1.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75931 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MAP 0300-0500
 ALL WEATHER CLASS BOUR (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.7	.8								4.3	6.5
NNE	.4	.9	2.4	.8	.1	.2						4.7	8.8
NE	.5	1.2	.8	1.1	.3	.1						4.7	8.7
ENE	1.2	.8	.8	.2								2.7	5.5
E	.9	.6	1.8	.3								3.5	6.9
ESE	.3	1.5	1.4	.2								3.4	6.7
SE	.8	1.8	.6	.3								3.5	5.8
SSE	1.5	1.9	2.5	.5								6.6	6.1
S	1.4	1.1	3.7	2.8	.3							8.6	7.0
SSW	1.4	2.6	3.9	2.8	.2							10.9	8.2
SW	1.7	1.9	3.4	2.4	.5		.1					9.4	9.3
WSW	1.0	2.0	2.4	3.2	1.3	.1						10.0	10.2
W	.6	1.7	1.3	.6	.1							4.4	7.2
WNW	.6	.5	1.1	.4	.1							2.8	7.7
NW	.4	1.5	1.3	.8								4.0	7.6
NNW	1.7	.5	1.1	.1								2.7	5.9
VARBL			.9	.4								1.3	9.9
CALM												13.2	
	13.7	22.4	29.5	17.7	3.0	.4	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75521 LAKENHEATH RAF UK 74-83 MAP
STATION NAME STATION NAME YEARS MONTH
ALL WEATHER CLASS 3620-0800
CONDITON HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	1.4	.9								6.7	6.3
NNE	.9	1.2	1.5	1.1	.1							4.4	8.3
NE		1.1	1.1	1.6								3.8	9.1
ENE	.9	1.7	1.2	.6	.2							3.7	7.9
E	.1	.8	1.8	.9								3.5	8.6
ESE	.3	1.0	1.7	.5								4.5	7.7
SE	.8	2.8	1.6	.3								5.5	6.1
SSE	1.5	1.5	2.5	.9								6.3	6.7
S	.6	1.9	3.4	2.3	.6							8.9	9.2
SSW	1.3	1.7	3.5	3.5	.3							9.7	9.5
SW	1.3	2.6	2.9	3.1	.8							10.1	9.2
WSW	.9	1.0	2.9	2.6	1.0	.3						8.6	11.5
W	.4	1.0	1.7	.6								3.8	7.5
WNW	.4	1.9	1.7	.8	.1							4.2	7.3
NW	.3	1.3	1.2	1.2								4.0	8.2
NNW	.6	.5	.5	.2								1.9	6.0
VARBL			1.7	.5	.3							1.8	12.8
CALM												9.2	
	11.7	22.8	30.9	21.6	3.9	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 07931 LAKENHEATH RAF JK STATION NAME 74-83 YEARS 1992-1992 MONTH 1100 HOURS (LST)

ALL WEATHERED CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	2.6	.5	.1							5.1	7.6
NNE	.1	.3	1.3	1.5	.2							3.4	11.7
NE		.3	.8	2.3	.6							4.0	12.9
ENE	.1	.6	1.7	.9	.4							3.8	11.0
E	.7	.4	.9	1.7	.5							3.6	10.8
ESE		.3	.9	.3	.2							1.7	10.0
SE	.1	.8	3.1	2.0		.1						6.1	9.8
SSE	.5	1.2	2.3	1.0								4.7	8.7
S	.8	1.7	3.7	4.3	.4							10.2	10.1
SSW	.9	1.2	2.8	2.9	.9	.2						8.8	10.7
SW	.5	.8	2.5	2.3	1.5	.5						8.1	12.4
WSW	.6	.5	.9	3.9	1.7	.4						7.3	12.8
W	.4	1.4	2.8	3.4	1.1	.2						9.4	11.2
WNW	.2	.6	1.6	1.3		.1						3.9	9.6
NW	.4	1.3	1.7	2.7	.2							5.7	9.4
NNW	.6	1.8	.5	1.7								4.7	7.8
VARBL			2.3	2.9	1.7	.1						6.2	12.5
CALM												4.7	
	6.1	14.6	31.5	33.8	8.2	1.7						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 25271 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MONTH MAR
CLASS ALL WEATHER PERIOD (L S Y) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	2.7	1.8	.1							6.2	8.8
NNE	.1	.0	1.2	2.0	.2	.3						4.7	11.3
NE		.1	.5	2.6	.1	.2						3.7	13.3
ENE	.1	.5	.5	1.9								3.1	14.5
E	.2	.4	1.7	1.7	.3							3.7	14.7
ESE	.1	.9	.4	.5	.3	.2						2.5	14.8
SE	.2	.6	1.1	1.3	.4							3.7	14.6
SSE	.2	1.1	2.2	1.1	.2							4.7	9.0
S	.5	1.4	3.4	3.2	1.3							9.9	10.8
SSW	.4	.3	1.5	4.6	1.3	.5						9.7	13.2
SW	.5	.4	1.3	1.7	1.4	.6	.1					6.4	13.1
WSW	.5	.0	1.5	4.7	1.4	.6						6.9	13.0
W	.9	1.1	2.4	4.0	1.1	.9	.2					10.4	12.3
WNW	.3	1.0	1.3	2.2	.4	.2						5.4	11.0
NW	.3	.5	1.9	1.1	.2							4.1	9.4
NNW	.4	1.8	1.9	1.0	.2							5.4	8.0
VARBL		.2	2.6	3.3	1.3	.2						7.6	12.6
CALM												.9	
	5.6	13.3	27.6	38.1	10.3	3.9	.3					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74931 LAKENHEATH DAF UK 74-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAE
MONTH
1500-1700
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	3.7	2.5	.2							5.3	9.3
NNE		.9	1.6	2.7	.7	.1						5.5	11.4
NE		.7	.6	2.2	.3							7.4	12.1
ENE		.5	.9	1.3	.1							2.8	17.5
E	.7	1.3	2.3	1.4								5.2	8.7
ESE	.6	.5	.6	.5	.4							2.5	9.2
SE	.7	.4	1.6	1.2								3.4	9.6
SSE	.5	1.1	2.5	1.7	.1							5.2	8.4
S	.4	1.1	2.2	3.1	.6	.1						7.5	10.8
SSW	.7	1.2	2.3	4.3	.9	.2						9.2	11.4
SW	.4	.9	2.3	3.5	1.3	.4						8.9	12.5
WSW	.3	.8	1.3	3.5	1.1	.2						7.2	12.5
W	1.1	1.1	2.8	4.6	1.9	.1						11.5	11.7
WNW	.9	.8	.9	.9	.1							3.3	7.9
NW	.6	1.5	.8	1.1	.2							4.2	3.2
NNW	.2	.5	1.9	.6								4.2	7.2
VARBL		.1	2.2	2.8	.8							5.3	12.1
CALM												1.9	
	7.1	14.2	30.1	37.2	8.3	1.2						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 20031 LAKENHEATH RAF UK STATION NAME 74-83 YEARS MAC
ALL WEATHER 1000-2000
 CLASS MOBILE
 HOURS (LST) 1000-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.5	1.2	.1							7.4	7.4
NNE	.7	1.7	2.4	1.7	.1	.2						4.3	9.5
NE	.5	1.1	2.2	1.4	.1							5.3	8.7
ENE	.5	1.7	1.3	.5	.7							3.7	7.6
E	1.7	1.9	1.9	1.7	.1							5.9	7.2
ESE	.5	1.6	1.6	.4								4.2	6.4
SE	1.1	1.7	1.5	.4	.1							4.3	6.3
SSE	1.1	1.4	1.6	.9	.2							5.2	7.8
S	.5	1.7	3.5	2.5	.6	.1						9.1	9.5
SSW	.4	1.2	2.2	2.9	.8							7.4	1.3
SW	.5	.9	3.1	3.8	.4							8.7	12.4
WSW	.5	2.7	2.7	2.7	.3	.1						7.7	9.4
W	.6	1.1	2.2	1.9	.5							6.3	9.6
WNW	.7	.5	.5	.7	.1							1.8	8.1
NW	.1	1.1	.2	.1	.1		.1					1.7	7.9
NNW	.9	1.3	.9	.9								3.7	7.1
VARBL			.4	.4	.1							1.7	11.9
CALM												1.2	
	17.1	22.0	29.9	22.3	4.0	.4	.1					10.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAKEHURST RAF UK YEARS 74-81 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (LST) 0000-2300

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.7	2.5	.6								2.0	5.7
NNE	.2	1.7	1.6	.4	.2	.1						3.4	7.7
NE	.3	.9	1.7	1.0								4.4	7.2
ENE	.3	1.1	.9	.4	.1							3.1	7.2
E	.2	1.7	1.0	1.7								4.1	8.4
ESE	.2	1.8	1.6									3.7	8.4
SE	.4	2.6	1.1	.2								4.3	8.9
SSE	1.7	2.2	2.2	1.1	.2							7.4	6.9
S	1.2	1.1	3.2	2.3	.4							6.2	9.1
SSW	.7	1.7	3.5	2.4	.6	.1						6.1	10.3
SW	.3	1.5	2.9	4.4	1.2	.3						11.1	11.2
WSW	.6	1.5	2.2	2.4	.6							7.3	9.6
W	1.1	1.8	1.5	1.7								6.1	7.5
WNW	.4	.8	.1	.1								1.4	4.5
NW	.2	1.1	.9	.1	.1	.2						2.6	8.5
NNW	1.1	1.4	.6	.2								3.3	5.4
VARBL			.2	.2								.5	11.6
CALM												13.5	
	11.2	23.4	29.8	19.6	3.7	.2						120.0	7.2

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74381 LAKEHHEATH RAF UK STATION NAME 74-03 YEARS MAP NORTH
ALL WEATHER CLASS ALL HOURS (L E S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	2.4	1.1	.1							5.3	7.4
NNE	.4	.2	1.7	1.7	.2	.1						4.5	2.5
NE	.2	.7	1.1	1.7	.7	.1						3.2	2.2
ENE	.4	.8	1.7	.9	.1							2.1	5.4
E	.4	1.7	1.6	1.1	.1							3.2	6.5
ESE	.3	1.2	1.2	.3	.1	.7						3.2	7.5
SE	.7	1.7	1.5	.8	.1	.3						4.4	7.5
SSE	.7	1.5	2.1	.9	.1							5.6	7.4
S	.9	1.7	3.1	2.8	.6	.1						3.9	9.6
SSW	.3	1.2	3.7	3.2	.7	.2						3.2	10.4
SW	.7	1.4	2.6	3.2	1.7	.3	.7					9.3	13.9
WSW	.7	1.4	1.9	3.7	.9	.7						6.2	10.8
W	.7	1.4	2.7	2.3	.7	.1	.7					7.1	1.2
WNW	.4	.2	.2	.8	.1	.7						3.2	8.5
NW	.4	1.2	1.1	.8	.1	.7	.7					3.2	8.5
NNW	.7	1.1	1.7	.5	.7							3.4	6.8
VARBL		.7	1.7	1.4	.5	.1						3.2	12.2
CALM												5.6	
	9.6	10.5	20.6	25.8	5.6	1.3	.1					17.7	8.5

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17071 STATION NAME LAKENHEATH PAF UK YEARS 74-83 MONTH APR
CLASS ALL WEATHER MONTHS (L & T) 0000-2359
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.5	3.7	.4								11.3	5.8
NNE	1.8	2.2	1.0	1.7	.6							7.7	7.4
NE	1.4	.7	1.4	.7								4.2	6.2
ENE	.7	.4	.7	.3								1.3	6.3
E	.7	1.3	1.7	.2	.1							2.0	7.0
ESE	.7	1.0	1.2	.3								4.1	6.1
SE	1.1	2.7	.7									3.3	5.0
SSE	2.2	1.6	.2									4.7	3.7
S	1.4	2.7	1.3	.6								5.3	6.1
SSW	.4	1.1	2.7	1.0	.2							4.8	8.5
SW	.7	1.9	2.7	.9	.2							5.7	7.8
WSW	1.1	.9	1.3	1.1	.4							4.9	8.5
W	1.7	1.4	2.7	.7								5.1	6.7
WNW	.7	1.6	1.6	.4								4.2	6.8
NW	.9	1.2	2.7	.4	.1							4.7	6.9
NNW	.9	1.6	1.1	.1								3.6	5.7
VARBL			.2									.2	7.5
CALM												2.2	
	17.3	26.6	23.0	8.4	1.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12121 LAKENHEATH RAF UK 74-87 APR
STATION NAME YEARS MONTH
CLASS ALL WEATHER 0700-0500
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.6	3.7	.2								1.4	5.6
NNE	1.7	2.7	2.8	.9	.4							2.1	7.8
NE	.7	.2	1.3	.7								3.6	7.1
ENE	.7	.3		.1								1.1	3.8
E	.8	1.7	1.1	.2								3.2	6.0
ESE	.9	1.4	1.6	.1								4.2	5.9
SE	1.1	1.6	1.3	.1								4.1	5.4
SSE	1.7	1.2	.2									2.1	3.8
S	.8	1.9	1.6	.3								4.6	6.1
SSW	.7	.9	2.7	1.1	.1							4.8	8.2
SW	.7	2.4	1.2	1.2	.6	.1						6.2	8.3
WSW	.4	2.1	.9	.9	.2							4.6	7.7
W	.4	1.4	1.1	1.1								4.1	7.9
WNW	.9	1.8	1.8	.3								4.8	6.1
NW	1.1	2.6	2.7	1.7								6.7	6.8
NNW	.9	2.4	.9	.2								4.4	5.5
VARBL			.3	.2								.6	9.6
CALM												22.6	
	14.8	28.6	23.8	8.9	1.3	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15931 STATION NAME LAKENHEATH RAF UK YEARS 74-83 APPR 802
 CLASS ALL WEATHER MONTHS 5632-5800
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	4.9	5.1	1.4								12.1	7.2
NNE	.7	1.0	2.7	2.1	.1							7.4	8.7
NE	.6	1.2	1.1	1.6								4.4	8.2
ENE	.7	.7	1.1	.4	.1							2.7	8.2
E	.1	1.0	.9	.7								2.2	6.8
ESE	.4	1.2	1.6	.7								3.6	6.8
SE	1.0	1.1	1.3									3.4	5.6
SSE	1.1	1.1	.9	.7								3.4	5.6
S	.3	2.0	2.0	.7								5.4	7.0
SSW	1.0	1.3	1.6	1.6	.1							5.6	8.2
SW	1.4	1.3	1.7	1.3	.2	.1						6.1	7.6
WSW	.8	1.7	1.7	1.0	.3	.1						4.9	8.7
W	1.1	1.0	1.8	1.1	.1							5.1	7.5
WNW	.7	.9	1.8	1.2								4.6	8.0
NW	1.3	1.4	3.1	1.2								7.1	7.2
NNW	1.2	1.0	1.4	.6	.1							5.2	6.6
VARBL			.0	.7	.2							1.8	11.1
CALM												14.9	
	13.3	23.0	30.6	15.8	1.3	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 77031 STATION NAME LAKENHEATH PAF UK YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS 900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	6.4	4.8	.7							15.3	9.4
NNE	.2	1.0	2.6	3.3	.1							7.2	10.6
NE	.3	1.1	1.9	1.7	.4							5.3	10.0
ENE	.2	.4	.7	1.2	.2							2.3	10.6
E		.6	1.3	1.0								2.9	9.5
ESE	.1	1.0	.8	.4								2.3	7.2
SE	.2	.6	1.2	1.1	.1							3.2	9.3
SSE	.2	1.7	1.2	.3								3.4	6.6
S	.6	1.3	.9	1.0	.3							4.1	8.8
SSW	.8	1.2	1.3	2.2	.9							6.4	10.3
SW	1.3	1.3	.8	1.8	.7	.2						5.8	9.0
WSW	.6	1.4	1.7	.9	.2							4.9	8.5
W	1.1	.8	2.7	2.4	.8							7.8	9.7
WNW	.7	.7	1.0	1.4	.1							3.9	8.9
NW	.7	1.3	1.7	2.0	.2							5.0	9.1
NNW	.3	1.2	2.4	2.4		.4						7.3	9.5
VARBL		.1	3.8	2.3	.9		.1					7.2	11.3
CALM												3.9	
	8.4	19.7	32.2	30.4	5.3	.7	.1					17.7	9.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35831 STATION NAME LAKENHEATH RAF UK YEARS 74-83 MONTHS APR
CLASS ALL WEATHER MONTHS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	7.0	8.1	.6							12.6	10.8
NNE	.2	1.7	2.6	3.2	.7							7.7	11.1
NE	.3	.2	1.8	1.8	.3							4.4	10.7
ENE	.3	.7	.7	1.2	.8							3.7	13.7
E	.3	.2	.7	.7								2.4	9.3
ESE	.1	.6	.9	.3								1.9	8.5
SE	.3	.2	.9	1.4	.1							3.0	10.5
SSE	.2	1.2	1.7	1.1								3.6	8.6
S	.7	.8	1.3	1.7	.1							3.9	8.2
SSW	.4	.4	.7	1.6	.2	.1						3.4	11.0
SW	.7	.9	1.6	1.4	.7	.3						5.6	10.6
WSW	.4	.7	1.8	2.4	.4							5.8	10.9
W	.6	1.1	3.1	1.8	.6							7.1	9.5
WNW	.7	1.1	.7	1.4	.1							4.2	8.6
NW	.9	1.3	1.2	1.4								4.8	8.1
NNW	.1	2.3	1.2	2.8	.2	.1						6.8	9.5
VARBL		.1	4.9	5.7	1.3							12.0	12.0
CALM												2.9	
	6.4	14.4	32.1	37.4	6.1	.6						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15831 LAKENHEATH RAF UK STATION NAME 74-83 YEARS APP
MONTHS 1570-1700
HOURS (L & T)
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	0.7	7.4	1.7	.1						22.9	10.4
NNE	.9	.9	3.6	4.6	.7							12.4	10.8
NE	.1	.6	1.6	1.8	1.1							5.1	12.7
ENE	.2		1.6	1.6	.3							3.7	11.8
E	.3	.4	.2	.6	.1							1.7	8.7
ESE	.1	.3	1.7	.9		.1						3.1	9.7
SE	.1	.9	1.6	1.7								3.6	8.6
SSE	.3	.9	1.3	1.3								3.9	8.7
S	.3	.7	1.1	1.1	.1							3.3	9.2
SSW	.9	.6	1.1	1.3	.3							4.1	9.3
SW	.7	.6	1.6	1.4	.3	.1						4.7	9.7
WSW	.3	.4	1.7	1.6	.3	.3						4.7	11.7
W	.6	.9	3.3	2.6	.3	.2						7.9	10.0
WNW	.8	1.3	1.7	1.7	.1							4.1	7.8
NW	.9	1.1	2.1	.4	.2							4.9	7.4
NNW	.7	1.4	2.3	.6	.2	.1						5.3	8.1
VARBL			3.1	2.9	.6	.3						6.9	11.9
CALM												1.9	
	8.1	12.4	38.4	32.0	5.8	1.3						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 15231 LAKENHEATH DAF UK 74-83 APG
STATION NAME YEARS MONTHS
CLASS ALL WEATHER 1970-2000
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.2	3.3	4.4	.4	.1						19.3	8.5
NNE	1.7	2.7	6.1	3.7	.7							13.7	9.6
NE	.4	1.3	1.6	2.1	.1							5.2	9.2
ENE	.7	.6	1.4	.7								2.9	7.2
E	1.4	2.2	1.2	.6								3.4	6.7
ESE	1.4	1.7	1.4	.7								4.2	5.8
SE	1.3	1.8	.9	.3								4.3	5.3
SSE	.9	1.4	1.3	.7								3.9	6.7
S	.6	.8	1.7	.4								2.3	7.7
SSW	.2	1.7	1.8	.6	.1	.1						4.4	6.7
SW	.4	.6	1.7	1.7	.6							3.3	9.9
WSW	.6	1.2	2.7	.9	.1							4.9	8.1
W	.3	1.6	2.8	1.1		.1						5.9	8.6
WNW	.4	1.3	1.7	.7								3.4	7.4
NW	.9	.6	1.7	.3								2.5	6.2
NNW	1.7	.9	.7	.3	.1							3.2	6.2
VARBL			.3	.2	.1							.7	11.7
CALM												9.4	
	13.4	24.7	34.2	16.8	1.8	.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

YEARS 1971 STATION NAME LAKENHEATH RAF UK 74-23 YEARS APR
STATION 100-2300
CLASS ALL WEATHER
CONDITION 100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.2	4.9	1.6	.3	.1						13.7	7.1
NNE	1.7	4.4	5.1	.8	.1	.1						11.6	6.9
NE	1.7	1.1	1.3	.7								4.1	6.9
ENE	.6	.7	.8	.2								2.2	6.7
E	.9	1.2	1.6	.7								4.3	7.2
ESE	1.1	1.6	.7	.2								3.6	5.4
SE	1.2	.7	1.3									4.6	5.2
SSE	1.1	2.6	.9	.7								4.9	5.6
S	1.7	2.2	2.7	.7								5.6	6.2
SSW	.8	1.1	1.3	.7								3.9	7.5
SW	.4	2.2	.9	1.7	.2							4.8	7.9
WSW	.7	1.2	1.3	.7	.1							3.7	7.7
W	1.6	2.2	3.2	.6								7.6	6.5
WNW	1.1	1.7	.8	.1	.1	.1						3.2	6.2
NW	.7	.7	.4	.2								2.2	5.8
NNW	.8	1.6	.9	.2								3.4	5.4
VARBL			.3									.3	8.0
CALM												16.6	
	16.1	30.0	27.8	8.2	.9	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75931 STATION LAKENHEATH RAF UK 74-87 YEARS 407 NORTH
ALL WEATHER CLASS ALL HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.6	6.1	3.6	.4	.2						12.2	8.5
NNE	.8	2.7	3.4	2.4	.4	.7						9.2	8.9
NE	.6	.9	1.5	1.4	.7							4.8	8.9
ENE	.4	.4	.2	.7	.7							6.5	9.2
E	.5	1.1	1.7	.5	.7							7.1	7.2
ESE	.6	1.1	1.2	.4		.7						7.3	6.7
SE	.9	1.3	1.2	.5	.7							3.5	6.7
SSE	1.7	1.5	.9	.5								3.3	6.1
S	.8	1.5	1.4	.7	.1							4.4	7.2
SSW	.6	1.7	1.5	1.7	.3	.7						4.7	8.9
SW	.9	1.4	1.3	1.3	.4	.1						5.3	8.8
WSW	.6	1.1	1.5	1.2	.3	.1						4.8	9.7
W	.9	1.3	2.5	1.4	.7	.7						6.3	8.9
WNW	.7	1.2	1.2	.8	.1	.7						4.1	7.5
NW	.9	1.3	1.7	.9	.1							4.9	7.4
NNW	.9	1.7	1.4	.9	.1	.1						4.9	7.5
VARBL		.7	1.7	1.5	.4	.7	.7					3.7	11.6
CALM												11.8	
	12.2	22.4	30.4	19.8	7.0	.4	.7					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

71871 STATION LAKEHURST DAF TX 74-87 YEARS MAY MONTH
ALL WEATHER CLASS 7000-2200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.3	2.7	.4								5.8	5.3
NNE	1.7	.0	1.3	.5								2.0	6.1
NE	1.2	.0	.9	1.0								2.8	6.7
ENE	.6	.4	.9	.7								2.5	7.4
E	1.1	2.7	2.3	.6								5.3	6.4
ESE	.7	2.1	.7	.1								2.7	5.3
SE	2.7	1.5	1.1	.7								4.9	4.4
SSE	2.6	2.6	1.0	.2								2.4	5.0
S	1.1	2.9	1.5	1.2								6.7	6.5
SSW	.0	1.2	2.4	1.1								3.5	7.5
SW	.6	1.8	3.1	.7		.1						6.3	7.6
WSW	.5	1.7	1.7	.5								3.9	6.6
W	.0	2.1	1.7	.4	.1							4.4	6.2
WNW	.8	.7	.5									2.0	4.6
NW	.5	1.2	1.7									2.6	5.3
NNW	1.1	.6	1.2	.1								3.2	5.6
VARBL			.6	.2								.9	9.3
CALM												73.3	
	18.7	25.8	24.2	7.7	.1	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 07001 LAKENHEATH 2AF UK 74-53 YEARS MAY
CLASS ALL WEATHER MONTH
CONDITION 320-0500 HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.3	3.8	1.8	.7								2.7	5.1
NNE	1.7	1.5	1.7	.9								5.4	6.7
NE	1.7	.3	.9	1.3								3.6	7.8
ENE	.1	.7	1.2	.1								1.6	8.2
E	1.2	1.0	2.8	.5								5.3	6.3
ESE	.6	2.7	1.4	.1								3.2	5.8
SE	1.3	2.2	.7									4.7	4.4
SSE	2.5	1.3	2.7									5.3	4.9
S	1.4	2.9	1.7	.3								6.6	5.6
SSW	.6	1.7	2.8	.7								5.3	7.1
SW	1.4	1.7	2.1	.7								5.0	6.7
WSW	.3	1.3	1.2	.8								4.7	6.5
W	.9	1.3	1.8	.1								4.2	6.1
WNW	.7	1.4	.1									1.7	4.9
NW	.5	1.6	1.5									3.6	6.0
NNW	1.3	1.5	1.7									3.8	5.1
VARBL			.5	.1								.6	8.6
CALM												24.0	
	18.5	26.5	24.7	6.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 75871 LAKENHEATH RAF UK STATION NAME 74-83 YEARS MAX 60000
CLASS ALL WEATHER HOURS (LST) 60000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	4.2	1.7								1.02	2.1
NNE	.2	1.7	2.4	2.2	.5							2.1	9.2
NE	.1	.5	1.7	1.7	.4							2.4	1.1
ENE	.7	1.1	1.1	.4								2.2	7.2
E	.4	1.0	2.6	1.4								4.3	8.2
ESE	.3	1.0	2.7	.3								5.7	6.5
SE	1.2	1.2	.0	.4								2.7	5.2
SSE	.7	1.1	1.6	.7								3.7	6.2
S	1.1	1.5	2.7	1.4								2.7	7.5
SSW	1.3	1.7	2.7	1.7								2.5	7.6
SW	1.3	1.6	2.9	2.7								7.8	7.2
WSW	.5	1.6	1.7	.9	.7							4.3	7.7
W	1.2	1.5	1.5	.9								5.1	6.6
WNW	1.7	.0	1.4	.7								1.2	6.4
NW	.7	1.4	.0	.7								3.3	6.1
NNW	.4	1.6	1.5	.7								3.9	6.8
VARBL			1.7	1.2	.7							3.2	10.4
CALM												7.7	
	17.3	24.2	34.3	16.2	1.4							10.7	6.7

TOTAL NUMBER OF OBSERVATIONS 979

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAKEHURST RAF UK STATION NAME LAKEHURST RAF UK YEARS 74-97 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 0000-2359
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	5.7	2.8	.3							1.5	9.2
NNE	.2	.5	1.5	2.3	.7	.7						5.5	11.1
NE	.7	1.7	1.3	1.4	1.1	.7						5.2	11.6
ENE	.7	.3	.2	.4								2.5	6.6
E	.7	.4	1.7	2.3	.5							5.2	11.2
ESE	.7	.5	1.6	1.4								3.5	9.5
SE	.3	.3	.2	.4	.1							2.2	7.7
SSE	.7	1.7	1.7	1.1								4.5	7.4
S	1.7	1.7	2.2	2.1	.5							7.1	9.4
SSW	.5	.7	2.3	2.7	.4							6.2	9.6
SW	.7	.9	1.4	1.5	.1							4.7	8.8
WSW	.4	.9	2.3	1.6	.2							5.4	9.4
W	.9	1.2	2.7	.9	.1							4.2	7.7
WNW	.9	.7	1.3	.5								3.2	6.2
NW	.7	1.1	1.7	.7								2.9	7.8
NNW	.3	.9	3.4	.4								4.9	9.1
VARBL	.1	.2	7.1	5.9	.9	.7						12.4	11.2
CALM												4.7	
	3.7	16.2	37.3	29.3	4.0	.7						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 218

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1957 LAKENHEATH RAF, UK 74-81 MAY
STATION STATION NAME YEAR MONTH
ALL WEATHER CLASS 122-1400
HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.3	4.5	7.7	.7							1.0	10.5
NNE	.4	1.0	1.5	2.0	.9	.1						2.7	11.6
NE	.1	.5	.6	1.7	.5	.7						1.4	12.8
ENE	.1	.5	.7	.5	.1							1.9	9.7
E	.5	.4	1.2	2.5	.7							5.1	11.2
ESE	.7	.7	1.9	2.1	.7							1.1	11.1
SE	.2	1.2	1.3	1.1	.7							4.1	7.6
SSE	.2	.7	.5	.7								1.7	7.1
S	.3	1.7	2.5	2.8	.3	.1						3.4	9.7
SSW	.7	1.1	2.3	2.3	.7	.1						6.2	12.5
SW	.5	.7	1.9	2.8	.1	.1						2.3	12.1
WSW	.4	1.3	2.6	1.9	.3							5.5	9.4
W	.2	.7	1.6	.9								5.1	7.1
WNW	.7	.5	.5	.1	.1							2.3	5.9
NW	.4	.7	1.6	.7	.1							2.7	8.1
NNW	.7	1.7	2.9	.7								4.9	8.2
VARBL		.5	7.5	6.4	1.9							16.4	11.5
CALM												.1	
	5.5	15.8	35.8	32.1	6.9	.3						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20031 LAKEHURST AFB TX STATION NAME 74-51 YEARS 1950-1959 DAY 1500-1700 MONTH MOUSE (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.1	5.1	5.6	.1							17.3	13.3
NNE	.0	.7	1.4	2.8	.0							5.5	11.7
NE		.0	1.7	1.6	.7	.4						4.5	12.0
ENE	.1	.7	.0	1.1	.3							2.6	11.9
E	.4	.7	1.7	2.1	.8							5.7	12.8
ESE	.7	1.3	1.6	2.1	.1							7.7	9.4
SE	.4	.0	1.1	1.2	.1							3.7	8.6
SSE		1.5	1.2	.4	.1							1.4	7.6
S	.5	1.4	2.7	2.4	.7	.1						7.5	9.6
SSW	.4	1.1	2.0	2.1	.4	.7						7.1	10.3
SW	.7	1.1	2.2	2.4	.3							6.6	9.5
WSW	.4	1.7	2.6	1.9	.7	.1						5.9	8.9
W	.5	1.2	2.4	1.7								5.4	8.4
WNW	.4	.7	.4	.7	.7							2.7	7.6
NW	.7	1.5	.7	.7	.1							2.4	7.7
NNW	1.7	1.7	1.7	.7								4.5	6.8
VARBL	.1	.1	4.0	3.5	1.5	.4						16.5	12.2
CALM												0.7	
	7.2	17.8	34.3	31.5	6.0	1.7						171.7	9.6

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70001 LAKENHEATH RAF UK STATION NAME 74-53 YEARS MAY MONTH
CLASS ALL WEATHER HOURS (LST) 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.6	6.7	2.6	.1							14.2	7.6
NNE	.4	1.0	3.6	3.3	.1	.1						3.5	9.9
NE	.7	1.0	1.7	1.2	.3	.7						5.2	6.4
ENE	.4	1.7	1.6	1.7								5.3	8.5
E	.7	2.0	3.5	7.6								6.7	8.5
ESE	1.3	1.5	1.0	.7								5.3	6.3
SE	.7	2.2	1.3	.2								4.4	5.7
SSE	.4	3.1	1.0	.1								5.4	5.9
S	1.2	2.4	3.6	1.4								8.6	7.3
SSW	.7	2.1	2.1	.9	.4							5.3	8.4
SW	.7	2.2	1.2	1.9	.7	.1						6.6	9.1
WSW	.3	.0	1.5	.7								2.9	7.7
W	1.7	.0	1.7	.5								4.2	6.5
WNW	.7	.5	.8	.7	.1							2.1	7.6
NW	.8	1.7	.7									2.1	4.1
NNW	.8	.9	.7	.1								2.1	4.9
VARBL			.0	.7	.3							1.7	12.4
CALM												7.3	
	12.2	26.3	33.8	18.5	2.1	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-83 STATION NAME LAKEWHEATH DAF UK YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.7	7.1	.7								1.1	5.5
NNE	1.2	2.6	2.1	1.7								7.5	7.2
NE	1.7	1.6	.9	.7		.7						4.6	6.7
ENE	1.2	.9	.9	.6								3.5	6.3
E	1.5	2.7	7.4	.4								7.4	6.4
ESE	1.7	2.9	1.1	.1								5.4	4.9
SE	1.5	3.7	1.2	.1								6.2	5.7
SSE	2.5	7.4	1.7									7.3	4.7
S	1.7	2.7	2.9	.4								7.4	6.1
SSW	.1	1.7	2.6	1.1	.1	.1						5.7	8.6
SW	.4	1.7	1.5	1.7	.7							5.2	8.2
WSW	.7	.4	1.2									2.2	6.4
W	.4	1.2	1.7	.1								2.4	6.1
WNW	.7	.4	.1	.1								1.1	4.8
NW	.9	1.1	.1									2.1	4.1
NNW	1.1	2.7	.1									7.2	4.4
VARBL			.6									.6	9.4
CALM												17.9	
	15.9	31.9	24.2	6.4	.4	.3						100.7	5.7

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15071 LAKENHEATH RAF UK 74-87 YEARS MAY
STATION NAME ALL WEATHER CLASS ALL
CONDITION HOURLY (15 T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.9	4.1	2.2	.2							11.1	7.7
NNE	.8	1.2	2.7	2.1	.4	.1						5.5	9.3
NE	.6	.8	1.1	1.1	.4	.7						4.2	9.8
ENE	.4	.7	.9	.7	.1							2.9	9.5
E	.9	1.4	2.3	1.6	.3							5.3	8.5
ESE	.7	1.6	1.6	.9	.7							4.3	7.3
SE	.9	1.6	1.1	.5	.1							4.2	6.2
SSE	1.2	1.0	1.5	.3	.7							4.3	5.8
S	1.1	2.1	2.5	1.5	.1	.7						7.4	7.8
SSW	.6	1.6	2.5	1.6	.3	.1						5.5	8.8
SW	.8	1.5	2.7	1.6	.7	.7						6.2	8.4
WSW	.5	1.2	1.9	1.7	.1	.7						4.6	8.2
W	.8	1.4	1.6	.6	.7							4.5	7.7
WNW	.6	.9	.7	.2	.1							2.3	6.1
NW	.5	1.2	.9	.2	.7							2.7	6.2
NNW	.8	1.2	1.5	.3								3.3	6.5
VARBL	.7	.1	3.7	2.3	.6	.1						6.1	11.4
CALM												1.2	
	12.8	23.7	31.2	18.6	2.8	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 021831 STATION NAME LAKEFNHEATH RAF UK YEARS 73-82 MONTH JUN
CLASS ALL WEATHER HOURS (L & T) 0000-2200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.7	2.1	.8								7.7	5.8
NNE	1.1	1.7	1.2	.1								4.1	5.2
NE	.9	.7	.7									2.2	4.7
ENE	.6	.7	.3									1.6	4.9
E	1.7	1.6	1.4	.2								4.9	5.4
ESE	1.7	1.6	.7									3.6	4.5
SE	1.4	1.3	.3									2.1	4.1
SSE	2.8	1.7	.1	.2								4.3	3.4
S	2.7	2.3	1.4	.7								7.1	5.4
SSW	2.7	2.2	3.4	1.2	.2							8.9	7.2
SW	1.8	2.6	5.8	.7								12.6	6.6
WSW	1.1	1.2	2.7	.7								4.6	6.1
W	.2	1.4	1.3	.7								4.3	6.4
WNW	.8	.7	.7	.2								2.3	5.5
NW	1.2	1.3	.7									3.2	4.6
NNW	1.1	1.6	.9									3.6	4.9
VARBL			.2	.1								.3	9.3
CALM												23.0	
	24.1	24.4	23.3	4.9	.2							100.2	4.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7831 STATION NAME LAKENHEATH RAF UK YEARS 73-82 MONTH JUN
CLASS ALL WEATHER HOURS (LST) 0000-2359
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.9	2.7	.7								3.7	5.6
NNE	1.3	1.4	1.2									4.2	5.2
NE	.7	.4	.4									1.5	4.2
ENE	1.1	.6	.3	.1								2.1	4.2
E	.2	1.7	1.7	.2								3.2	6.2
ESE	.3	1.2	.6									2.3	4.7
SE	.5	1.7	.4									2.7	5.1
SSE	2.6	1.6	.2									4.3	3.3
S	2.4	1.6	1.8	.6								6.3	5.4
SSW	1.8	3.2	3.6	1.3								9.9	6.8
SW	2.0	3.2	4.7	.7								10.8	6.2
WSW	1.1	1.2	1.9	.2								4.4	6.4
W	1.1	2.0	1.0	.2								5.2	5.7
WNW	1.4	.0	.2	.1								2.7	3.2
NW	.9	1.6	1.1									3.6	5.3
NNW	1.2	1.7	.2									3.1	4.0
VARBL				.1								.1	13.2
CALM												25.7	
	23.1	26.1	22.9	4.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75531 STATION NAME LAKENHEATH RAF UK YEARS 73-80 MONTH JUN
CLASS ALL WEATHER HOURS (LST) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	2.6	4.3	1.6	.7							12.5	6.3
NNE	.7	2.7	1.6	1.0								5.2	7.7
NE	.7	.1	1.7									1.3	5.6
ENE	.7	.3	.1									.7	5.3
E	.6	1.1	1.6	.7								3.6	6.5
ESE	.7	.9	.8	.1								2.7	5.3
SE	.6	.9	.4	.1								2.2	5.7
SSE	1.6	.9	.6									1.9	4.2
S	1.7	2.8	1.7	1.2								6.7	6.7
SSW	1.7	1.7	2.4	2.7								7.7	3.7
SW	1.4	2.7	4.7	2.8	.3							11.2	8.2
WSW	1.1	2.9	3.7	1.6	.1							3.7	7.5
W	1.7	2.7	3.6	1.1	.2							9.6	7.2
WNW	1.4	1.2	1.6	.3								4.6	5.8
NW	1.3	2.1	1.6	.2								5.2	5.6
NNW	1.7	2.1	1.2	.1								4.4	5.3
VARBL		.1	1.8	.4	.1							2.4	9.4
CALM												0.1	
	19.4	26.3	31.1	13.1	.9							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 75871 LAKENHEATH RAF UK YEAR 77-82 MONTH 1-12
STATION NAME LAKENHEATH RAF UK CLASS ALL WEATHER HOURS (L & T) 0000-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	5.4	3.0								11.6	8.5
NNE	.5	1.5	1.8	.6	.1							4.5	7.4
NE	.5	1.7	1.1	.6								3.2	7.2
ENE	.7	.5	.4	.1								1.4	5.7
E	1.2	.0	.0									3.2	4.7
ESE	.7	.4	.7	.2								1.6	7.2
SE	.7	1.7	.4	.1								2.2	5.4
SSE	.4	.8	1.1	.1								2.4	6.5
S	.6	1.0	1.7	1.2								4.4	5.1
SSW	.7	1.8	3.0	2.1								7.5	8.6
SW	.7	2.7	2.7	2.7	.6							8.8	9.1
WSW	.7	2.7	2.7	3.1	.4							5.9	9.4
W	1.7	2.9	3.7	3.3	.1							12.9	8.5
WNW	1.7	2.1	1.6	.8	.1							5.6	6.8
NW	.0	1.7	1.0	.7								5.1	7.1
NNW	.7	1.6	1.7	.3								4.2	6.4
VARBL		.2	9.7	2.4	.4							12.8	9.3
CALM												1.8	
	11.6	23.7	39.9	21.3	1.8							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 039931 STATION NAME LAKENHEATH RAF UK YEARS 73-82 USA
SOUTH
CLASS ALL WEATHER 1200-1400
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	4.1	3.6								1.3	2.1
NNE	.7	1.2	1.2	.9								3.7	8.2
NE	.7	.8	.4	.7	.7							2.3	8.2
ENE	.3	.6	1.1	.7								2.2	7.1
E	.2	.7	1.1	.4	.1							2.5	7.5
ESE	.2	.7	.9									1.3	6.6
SE	.2	.7	.4	.3								1.7	6.9
SSE	.1	.7	.4	.4								1.7	7.7
S		1.9	1.8	1.2	.1							5.7	8.4
SSW	.4	1.1	1.8	2.1	1.7							6.4	10.8
SW	.4	1.4	2.2	2.9	.8							7.8	10.5
WSW	.7	1.7	2.4	4.0	.2							4.2	12.3
W	1.7	3.1	2.7	3.6								12.3	8.3
WNW	.7	1.9	1.4	1.7	.1							5.1	7.3
NW	.6	1.1	1.6	.6								3.8	6.9
NNW	.6	1.8	2.7	.6								4.9	6.8
VARBL		.9	14.4	4.8	.9							21.0	9.9
CALM												.3	
	6.7	21.8	40.1	27.2	3.4							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20001 LAKEHURST AFB TX STATION NAME 72-62 YEARS 1970-1972 MONTH ALL MONTHS
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	5.2	4.1	.1							12.5	8.9
NNE	.6	1.1	2.2	1.7	.1							5.7	8.2
NE	.2	.7	.2	1.7	.1							3.1	3.7
ENE	.2	.3	.7	.4	.1							2.2	7.8
E	.5	1.7	1.7	1.7								4.3	7.9
ESE	.7	1.1	.8									2.1	5.2
SE	.4	.8	.8	.2								2.2	2.4
SSE	.1	.6	.7	.2	.2							2.1	3.1
S	.4	1.7	1.9	1.2	.6							5.1	9.3
SSW	.7	.4	2.1	2.3	.7							5.8	11.2
SW	.1	1.8	2.6	3.7	.2							7.2	9.8
WSW	.4	1.7	2.8	3.7	.4							7.7	10.5
W	.6	2.6	2.6	4.7	.1							9.8	9.3
WNW	.3	1.8	.9	1.7								4.7	8.4
NW	.2	1.9	1.6	.1								4.4	6.7
NNW	.4	1.7	1.4	.2								3.8	6.4
VARBL		.1	11.1	3.8	.1	.1						15.2	9.6
CALM												1.7	
	6.4	21.7	39.2	27.6	2.8	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14831 LAKENHEATH RAF UK 77-50 1977-1978 1977-1978
STATION NAME CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	5.0	2.1								11.8	7.7
NNE	1.1	2.4	4.4	1.3								9.3	7.4
NE	.6	1.1	2.7	.7	.1							4.4	7.2
ENE	.7	1.2	1.6	.7								3.7	7.7
E	.4	1.0	2.7	1.7								5.7	7.8
ESE	1.4	1.7	1.4	.7								4.9	5.5
SE	1.7	1.9	1.2									4.1	5.4
SSE	1.7	1.1	.6	.7								2.9	5.2
S	1.7	.0	1.6	.3	.2	.1						4.1	7.4
SSW	.6	1.1	3.1	2.6	.2							7.6	9.6
SW	1.1	1.8	3.6	2.7								4.3	7.2
WSW	1.7	1.8	3.7	1.8	.1							4.3	8.1
W	1.7	2.7	2.8	1.6								4.2	7.3
WNW	.0	.9	1.3	.8								3.2	7.7
NW	.2	1.7	.8	.1								2.8	5.1
NNW	.9	.6	1.2	.3								2.9	6.7
VARBL			1.9	.3								2.1	9.4
CALM												5.6	
	14.7	24.1	39.9	16.0	.7	.1						152.2	7.7

TOTAL NUMBER OF OBSERVATIONS 872

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 00071 LAKENHEATH RAF UK STATION NAME 7-60 YEARS 1951
 CLASS ALL WEATHER HOURS (LST) 0000-2300
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	4.7	2.8	.8								1.2	5.3
NNE	1.9	1.7	1.6									4.7	5.1
NE	2.3	1.7	1.7									2.7	5.1
ENE	.7	1.1	.7	.1								2.2	5.2
E	1.5	2.6	2.7	.1								1.8	5.7
ESE	1.6	1.4	1.1	.1								4.2	4.7
SE	1.7	3.1	.7									1.3	4.5
SSE	3.2	1.7	1.1	.1								5.2	4.3
S	1.7	2.3	1.7	.6	.1							5.7	4.4
SSW	.9	2.4	2.7	.2	.7							7.8	7.8
SW	1.5	3.0	2.7	.9								2.9	4.4
WSW	.7	1.5	2.1	.2								4.3	6.2
W	1.2	2.7	1.6	.7								5.4	5.4
WNW	1.1	.2	.6	.2								2.5	5.7
NW	.2	.7	.2									1.1	5.7
NNW	.9	.6	1.1	.7								2.3	5.7
VARBL			.7									.3	5.3
CALM												1.1	
	21.2	31.7	25.4	4.9	.4							5.2	4.6

TOTAL NUMBER OF OBSERVATIONS 90

CENTAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKEHURST DAF, TX STATION NAME LAKEHURST DAF, TX YEARS 1951-52 MONTH ALL
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	0.0	0.0	4.0	2.0	0.0						1.0	1.4
NNE	0.0	1.0	1.0	0.0	0.0						0.0	2.0
NE	0.0	0.0	0.0	0.0	0.0						0.0	2.0
ENE	0.0	0.0	0.0	0.0	0.0						0.0	1.0
E	0.0	1.0	1.0	0.0	0.0						0.0	1.0
ESE	0.0	1.0	0.0	0.0	0.0						0.0	0.0
SE	0.0	1.0	0.0	0.0	0.0						0.0	0.0
SSE	0.0	1.0	0.0	0.0	0.0						0.0	0.0
S	0.0	1.0	1.0	0.0	0.0						0.0	1.0
SSW	0.0	1.0	0.0	1.0	0.0						0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0						0.0	0.0
WSW	0.0	1.0	0.0	1.0	0.0						0.0	0.0
W	0.0	0.0	0.0	0.0	0.0						0.0	0.0
WNW	0.0	1.0	1.0	0.0	0.0						0.0	0.0
NW	0.0	1.0	1.0	0.0	0.0						0.0	0.0
NNW	0.0	1.0	1.0	0.0	0.0						0.0	0.0
VARBL		0.0	0.0	0.0	0.0						0.0	0.0
CALM												

TOTAL NUMBER OF OBSERVATIONS

LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBS. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 01 MAR 84
USAFETAC/DS-04/008 SBI-AD-E050 024 F/G 4/2

215

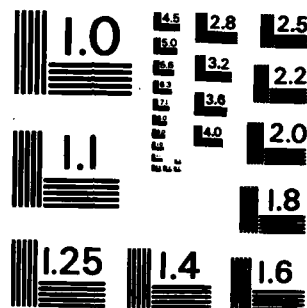
UNCLASSIFIED

TECHNICAL APPLICATIONS CENTER SCOT
USAFETAC/DS-B4/008 SBI-AD-E850 624

F/G 4/2

NL

The image shows a 10x10 grid of squares. The top-left corner contains a pattern of white squares on a black background. The white squares are located at the following (row, column) coordinates (starting from 0,0 at the top-left): (0,0), (0,1), (0,2), (0,3), (0,4), (0,5), (0,6), (0,7), (0,8), (0,9), (1,0), (1,1), (1,2), (1,3), (1,4), (1,5), (1,6), (1,7), (1,8), (1,9), (2,0), (2,1), (2,2), (2,3), (2,4), (2,5), (2,6), (2,7), (2,8), (2,9), (3,0), (3,1), (3,2), (3,3), (3,4), (3,5), (3,6), (3,7), (3,8), (3,9), (4,0), (4,1), (4,2), (4,3), (4,4), (4,5), (4,6), (4,7), (4,8), (4,9), (5,0), (5,1), (5,2), (5,3), (5,4), (5,5), (5,6), (5,7), (5,8), (5,9), (6,0), (6,1), (6,2), (6,3), (6,4), (6,5), (6,6), (6,7), (6,8), (6,9), (7,0), (7,1), (7,2), (7,3), (7,4), (7,5), (7,6), (7,7), (7,8), (7,9), (8,0), (8,1), (8,2), (8,3), (8,4), (8,5), (8,6), (8,7), (8,8), (8,9), (9,0), (9,1), (9,2), (9,3), (9,4), (9,5), (9,6), (9,7), (9,8), (9,9). The pattern of white squares is a solid 10x10 block in the top-left corner.



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK

73-82

III

ALL WEATHER
CLAS

0000-0200
0000 (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.3	2.4	.8	.1								5.5	4.1
NNE	1.5	1.7	.2									3.9	3.9
NE	1.2	1.0	1.0									3.1	4.8
NNE	.5	.2	.4	.1								1.3	5.6
E	.5	1.2	.6									2.9	5.0
ESE	1.7	.9	.4									2.3	4.2
SE	2.7	2.2										4.2	3.6
SSE	1.9	2.7	.4									5.1	3.9
S	1.6	1.8	1.3	.3								5.1	5.5
SSW	1.3	1.8	5.2	1.3								9.6	7.6
SW	2.5	3.0	5.4	1.3	.2							12.4	6.7
WSW	2.2	3.7	2.4	.4								8.6	5.5
W	1.2	3.0	2.5									6.7	5.7
WNW	1.7	2.2	1.1	.3								4.5	5.6
NW	.6	.9	.8	.2								2.5	5.9
NNW	1.4	.8	.1									2.3	3.7
VARBL		.1	.3									.4	8.0
CALM												20.9	
	22.7	29.4	22.7	4.2	.2							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035831 LAKENHEATH RAF UK 73-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)
CREDITED

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	.8									5.5	4.2
NNE	1.4	1.1	.4									2.9	3.9
NE	1.3	.9	.2	.3								3.7	6.0
ENE	.5	.2	.4	.1								1.3	5.3
E	.1	1.0	.1									1.2	5.0
ESE	.9	1.0	.2									1.9	4.1
SE	.6	1.4	.2									2.3	4.2
SSE	1.8	1.5	.3									3.7	3.6
S	2.6	2.6	2.6	.5								8.3	5.7
SSW	3.1	1.7	4.3	1.2								10.3	6.4
SW	2.6	4.3	4.0	1.1								11.9	6.1
WSW	1.5	1.8	2.4	.4								6.1	5.9
W	1.6	3.5	2.2	.1								7.4	5.5
WNW	.8	1.2	1.8	.1								3.9	6.3
NW	.9	1.1	.8	.3								3.0	6.1
NNW	.5	.8	.6	.3	.1							2.4	7.0
VARBL			.2	.2								.4	10.3
CALM												23.9	
	22.3	26.6	22.5	4.7	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

035831 LAKENHEATH RAF UK

71-82

ALL

ALL WEATHER

7600-0800

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	2.4	.3								6.2	6.1
NNE	1.3	1.5	1.2	.1								8.1	5.0
NE	.9	.8	1.4	.5								3.6	6.0
NNE	.1	1.1	.1	.1								1.9	5.0
E	.3	.9	.5		.2							1.9	6.0
ESE	.4	.4	.5	.1								1.5	5.0
SE	1.2	.5	.1									1.8	3.1
SSE	.9	1.1	.9	.1								2.9	5.2
S	1.1	2.5	3.2	1.0								7.8	7.0
SSW	1.4	1.7	3.7	2.0								8.8	7.9
SW	2.2	2.4	4.5	1.8								10.9	7.0
WSW	1.3	2.6	3.3	1.4								8.6	7.3
W	1.5	3.1	3.3	1.0								8.9	6.5
WNW	1.3	2.3	3.4	1.0								8.0	6.0
WW	.8	1.7	2.4	.4								5.3	6.0
WNW	.8	1.4	.3	.3	.2							3.0	6.2
VARIES			2.9	1.9	.2							9.5	18.0
CALM												10.8	
	16.5	26.3	34.2	11.4	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK 77-82 JUL
STATION NAME YEARS
ALL WEATHER
CLASS
0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.1	3.3	1.4								6.7	8.1
NNE	.6	1.6	2.3	.8								5.3	7.2
NE	.2	.6	.5	1.0								2.4	8.6
NNE	.2	.6	.6	.4	.1							2.0	8.2
E	.8	.5	.9	.4								2.6	6.8
ESE	.9	.6	.5	.3								2.4	5.8
SE	.3	.4	.3	.1								1.2	5.6
SSE	.5	.3	.4	.2								1.5	6.4
S	.6	1.0	1.9	1.3								4.8	8.2
SSW	.9	1.1	3.1	3.0	.1							8.2	9.4
SW	.8	1.6	3.4	3.5	.1							9.5	9.4
WSW	1.1	1.4	2.9	2.9	.2							8.5	8.9
W	1.4	2.5	5.1	1.9								10.9	7.7
WNW	.4	2.0	3.4	1.4								7.3	7.9
NW	.4	1.9	2.8	.5								5.7	7.2
NNW	.8	2.3	.9	1.1								4.9	6.8
VARS		.3	9.9	2.8	.4							13.4	9.7
CALM												2.8	
	10.8	20.0	42.4	23.1	1.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035831 STATION LAKENHEATH RAF UK 77-82 YEAR III
ALL WEATHER CLASS 1200-1800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	2.0	1.9								6.6	8.1
NNE	.4	1.0	2.2	1.1								4.6	8.2
NE	.4	.9	.4	.9								2.6	7.8
ENE	.2	.8	.6	.4								2.0	7.3
E	.2	1.6	.5	.4	.2							3.0	7.4
ESE	.2	.5	.2	.5								1.5	7.6
SE		.5	.3	.2								1.1	7.3
SSE	.3	.3	.3									1.0	5.9
S	.6	.6	1.5	1.2	.1							4.1	8.4
SSW		.3	1.8	2.6	.2							5.0	11.4
SW	.4	1.2	3.3	4.4	.3							9.7	10.4
WSW	.8	1.4	2.4	2.8	.2							7.5	9.6
W	1.4	2.7	5.1	4.1	.1	.2						13.6	8.9
WNW	.9	1.6	2.6	1.3	.1							6.5	7.8
NW	1.0	2.2	1.9	.3								5.4	6.3
NNW	.4	1.4	1.7	1.7								5.3	8.6
VARBL			11.8	6.0	.9							18.7	10.2
CALM												1.9	
	8.4	18.5	38.9	29.9	2.2	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEAR

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.O.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	3.3	2.7								8.6	8.5
NNE	.3	.9	3.0	1.1								5.3	8.5
NE		.4	.9	1.0								2.3	10.0
ENE	.2	1.1	.6	1.2								3.1	8.7
E	.4	.6	1.0	.5	.1							2.7	8.5
ESE	.5	.4	.3	.4								1.7	7.2
SE	.6	.6	.6	.2								2.2	5.7
SSE	.2	.4	.5	.3								1.5	7.3
S	.4	1.0	2.3	.9	.2							4.7	8.6
SSW		.8	1.3	2.9	.1							5.1	10.8
SW	.2	1.2	2.0	3.7	.5							7.6	10.8
WSW	.4	1.7	3.3	3.3	.1							8.9	9.8
W	1.0	2.4	6.9	3.2	.2	.1						13.8	8.9
WNW	1.7	1.9	2.8	.9								7.3	8.5
NW	1.1	2.3	2.0	.4								5.8	6.2
NNW	.9	1.4	1.1	1.0								4.3	7.3
VARI	.1	.2	8.2	4.7	.3							13.5	10.1
CALM												1.6	
	9.1	18.9	40.2	28.4	1.6	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK 71-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.7	4.1	.5								8.8	6.8
NNE	.4	1.4	2.7	.8								5.3	7.6
NE	.4	1.3	2.3	1.0								4.9	7.9
ENE	.3	1.2	1.7	1.0								4.2	7.9
E	1.1	2.0	2.3	.6								6.0	6.5
ESE	.8	1.2	.6	.2								2.8	5.6
SE	1.4	1.5	1.3									4.2	5.1
SSE	1.1	1.7	1.0	.2								4.0	5.4
S	.5	1.2	1.6	1.1								4.8	8.0
SSW	.2	1.0	2.2	1.9								5.3	9.2
SW	.9	1.9	2.8	3.1	.5	.1						9.8	9.8
WSW	1.5	2.9	3.0	1.1								8.5	6.8
W	1.6	3.4	2.5	1.9	.1							9.6	7.2
WNW	1.4	2.0	2.2	.9								6.5	6.8
NW	.8	.6	1.4	.6								3.8	7.1
NNW	1.3	.5	.5	.9								3.2	6.7
VARIABLE			1.6	.8								2.8	9.5
CALM												7.2	
	15.2	26.7	33.7	16.6	.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK 73-82 JUL
STATION STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.5	1.5	.1								6.1	4.7
NNE	1.5	1.5	1.1	.2								4.3	5.1
NE	2.7	2.2	1.3									5.5	4.7
NNE	1.7	1.1	1.3	.1								3.4	5.3
E	1.8	1.9	.3									4.1	4.1
ESE	1.1	2.5	.5									4.1	4.5
SE	2.7	2.7	.4									5.2	4.0
SSE	2.2	2.7	.4	.1								5.4	4.2
S	1.3	2.2	1.6	.9								5.9	6.6
SSW	.5	1.7	3.3	1.7								7.3	4.4
SW	1.1	3.3	4.1	1.6								10.1	7.3
WSW	1.1	2.6	1.3	.5								5.5	5.9
W	1.5	3.7	2.6	.1								7.2	5.6
WNW	.9	2.6	1.1	.1								4.6	5.9
NW	.6	1.1	.3	.6								2.7	6.4
NNW	1.1	.6	.2	.1								2.0	4.4
VARBL	.1		.2	.3								.6	9.5
CALM												15.9	
	21.8	34.1	21.6	6.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035831 LAKENHEATH RAF UK 73-82 JUL 1982
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL
MOSES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	2.3	.9								6.7	6.5
NNE	.9	1.3	1.6	.5								9.8	6.5
NE	.8	1.7	1.1	.6								3.5	6.8
ENE	.4	.8	.7	.8	.7							2.8	7.0
E	.7	1.2	.8	.3	.1							3.0	6.3
ESE	.7	.9	.4	.2								2.3	5.3
SE	1.7	1.2	.4	.1								2.8	8.5
SSE	1.1	1.3	.5	.1								3.1	8.7
S	1.1	1.6	2.7	.9	.7							5.6	7.1
SSW	.9	1.3	3.1	2.1	.1							7.8	8.5
SW	1.3	2.4	3.7	2.6	.2	.7						10.2	8.2
WSW	1.2	2.3	2.6	1.6	.1							7.8	7.6
W	1.4	3.7	3.8	1.5	.1	.7						9.7	7.3
WNW	1.0	2.7	2.3	.7	.0							6.1	6.7
NW	.8	1.5	1.5	.4								9.2	6.6
NNW	.9	1.1	.7	.7	.7							3.8	6.7
VARB	.7	.1	4.4	2.0	.2							8.8	10.0
CALM												10.6	
	15.8	25.0	32.0	15.6	.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK 73-82 AUG
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLASS
0000-0200
HOURS (L.G.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	.4	.1								3.9	3.9
NNE	2.6	.8	.2	.1								3.7	3.2
NE	1.9	.3	.6	.4								3.8	5.0
ENE	1.1	.5	1.0									2.6	4.9
E	1.3	1.8	.5	.2								3.9	4.6
ESE	1.8	1.6										3.4	3.5
SE	1.8	1.2	.4									3.4	3.8
SSE	2.7	.6	.4	.3								4.1	4.2
S	2.7	2.6	1.7	.8	.8							8.5	6.7
SSW	1.3	1.6	2.9	1.4								7.2	7.3
SW	1.4	2.9	4.2	.8	.2							9.5	7.2
WSW	.4	1.5	1.1	.4	.2							3.7	7.4
W	1.6	1.7	1.9	.1								5.4	5.3
WNW	.6	.8	.5	.3								2.3	6.3
NW	.5	1.0	.6									2.2	5.2
NNW	1.0	.5	.6									2.2	5.0
VARBL			.3									.3	9.0
CALM												10.2	
	24.8	21.2	17.6	9.9	1.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 035831 LAKENHEATH RAF UK STATION NAME 77-82 YEARS AUG MONTH 0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.2	.3									3.0	3.0
NNE	2.3	.4	.3									3.1	3.2
NE	1.0	1.1	.3	.3								3.7	4.4
ENE	1.1	.4	.6	.1								2.3	4.9
E	1.7	1.6	.6									3.2	4.7
ESE	1.2	.8	.5									2.5	4.2
SE	1.7	1.4	.3									2.7	4.2
SSE	2.3	1.7	.4	.3								4.7	4.5
S	3.2	2.3	1.7	.3	.5							8.1	5.8
SSW	.8	2.7	3.7	1.2	.1							8.4	7.7
SW	1.4	1.8	2.6	.6								6.5	6.6
WSW	1.3	1.6	1.1	.2	.1							4.3	5.7
W	1.6	2.4	1.4	.2								5.6	5.8
WNW	.5	1.3	.5	.1								2.5	5.3
NW	1.3	.3	.2	.2								2.0	4.3
NNW	.6	1.1	.3									2.0	4.6
VARBL			.4									.4	4.3
CALM												35.2	
	22.9	22.0	15.5	3.7	.8							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35831 STATION NAME LAKENHEATH RAF UK YEARS 73-82 AUG 1982
DATE 7-20-82
TIME 11:00
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.4	1.1	.1								4.2	4.8
NNE	1.5	.9	.3	.6								1.3	5.4
NE	1.4	1.2	.5	.4								3.5	5.2
ENE	1.1	1.7	.5	.1								2.7	4.6
E	1.2	1.5	1.2	.3								4.2	5.8
ESE	.5	1.7	.6		.1							2.3	5.5
SE	1.3	.4	.9									2.6	4.1
SSE	1.1	1.1	1.3	.3	.3							4.1	6.9
S	1.9	1.9	2.2	.6	.2	.1						7.2	6.8
SSW	1.7	1.6	3.3	1.4	.2	.1						7.6	8.3
SW	2.5	1.8	2.9	2.7								9.2	7.2
WSW	1.9	2.6	2.7	.8								7.3	6.0
W	1.9	3.2	2.8	.5								8.5	5.8
WNW	1.7	1.3	1.7	.4								5.2	6.0
NW	.9	1.3	1.4									3.5	5.9
NNW	1.8	.8	.4									3.0	3.5
VARBL			.6	.3								1.0	9.1
CALM												1.7	
	23.1	22.9	23.9	8.1	.9	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13831 STATION NAME LAKENHEATH RAF UK YEARS 73-82 AVG MONTH 0900-1100
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.9	1.4	.8								6.2	6.1
NNE	1.3	1.7	1.1	.4	.1							4.6	6.5
NE	.9	1.4	.5	.8	.1							3.7	6.6
ENE	.6	1.7	1.1	.1								3.5	5.5
E	.6	1.9	1.3	.4	.3							4.5	7.8
ESE	.6	.6	.6	.3								2.3	6.2
SE	1.4	.5	.4	.1								2.5	4.1
SSE	.6	1.2	.9	.1								2.9	5.6
S	.9	2.7	1.5	1.0								5.8	7.0
SSW	1.0	1.2	1.9	3.0	.2		.1					7.8	9.7
SW	1.6	.9	3.3	3.7	.6	.2						9.7	9.6
WSW	.4	2.0	1.8	1.4	.2							5.9	8.5
W	2.4	2.9	4.2	1.8								11.3	7.0
WNW	.9	3.7	2.6	1.0								7.8	6.9
NW	.9	2.0	1.0	.4								4.3	6.5
NNW	1.2	1.9	1.5	.5								5.2	6.2
VARBL			6.0	2.3	.2							8.5	9.8
CALM												4.8	
	16.5	28.0	31.2	17.4	1.8	.2	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035031 LAKENHEATH RAF UK STATION NAME 73-82 YEARS AUG
ALL WEATHER 1200-1800
 CLAS DDWS (L.E.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	2.7	.8	.1							6.9	7.0
NNE	.9	1.1	1.0	.9	.1							3.4	6.5
NE	.3	1.0	.8	1.0	.3							3.3	9.0
ENE	.4	1.3	1.1	.1								2.9	6.1
E	1.7	1.7	.8	.8	.4							4.6	7.6
ESE	.5	1.3	.6	.2								2.7	5.8
SE	.5	1.1	.3	.2								2.2	5.8
SSE	.3	.6	1.2	.1								2.3	7.0
S	.6	1.2	1.4	1.2	.2							4.6	8.8
SSW	.5	1.3	2.5	1.9	.1	.1	.1					6.6	9.4
SW	.6	1.8	2.8	2.9	.9	.3						9.4	10.9
WSW	.5	1.1	3.6	1.8	.2							7.2	9.0
W	2.0	3.1	3.6	3.2	.1							12.1	7.8
WNW	1.0	2.8	2.3	1.0								7.0	6.6
NW	.9	1.8	1.4									4.1	5.7
NNW	.5	2.2	2.5	.2								5.4	6.6
VARB			7.9	4.4	.3	.1						12.7	10.5
CALM												2.7	
	12.1	25.4	36.2	20.2	2.8	.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK

73-82

AUG

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.0	2.6	1.2	.1							8.2	7.1
NNE	1.1	1.0	1.4	.4	.1							4.0	7.1
NE	.2	1.2	1.1	1.4								3.9	8.8
ENE	.6	1.1	1.7	1.1								4.5	7.9
E	.5	.8	2.6	1.3	.2							5.8	8.7
ESE	.6	1.1	.8	.4								2.9	6.3
SE	.5	1.1	1.1		.2							2.9	6.8
SSE	.2	.3	1.7	.2								2.5	7.1
S	.9	.6	1.6	1.2	.2							4.5	8.6
SSW	.6	1.1	1.8	2.2	.9							6.6	10.3
SW	.2	1.2	2.6	3.9	.9							8.7	11.2
WSW	.5	1.6	2.7	2.3		.3						7.8	9.7
W	1.0	2.6	4.5	1.9	.2							10.2	8.0
WNW	1.1	2.0	2.6	.6								6.3	6.8
NW	1.4	2.5	.8	.2								4.8	5.0
NNW	.5	1.5	1.2	.4								3.7	6.6
VARB			6.5	3.4	.3							10.2	10.0
CALM												3.3	
	11.4	22.6	37.1	22.2	3.1	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035831 STATION LAKENHEATH RAF UK 73-82 YEAR 1830-2000 MONTHS (L.G.V.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.4	1.6	.6								7.7	5.2
NNE	1.2	2.9	1.3	.4								5.9	5.6
NE	.9	2.8	1.7	.6								6.2	6.4
ENE	1.3	1.9	2.5	.4								6.1	6.2
E	1.6	4.0	2.0	1.2								5.8	6.3
ESE	.6	3.3	1.5	.2								5.7	5.9
SE	.8	2.7	.9	.2								3.9	5.5
SSE	.3	1.5	1.1	.1								3.0	6.0
S	.8	1.7	1.6	1.0								4.3	7.8
SSW	.9	1.3	2.8	2.2	.2							7.3	9.1
SW	.9	2.0	2.8	1.6	.1	.2						7.6	8.2
WSW	.5	1.9	3.7	1.0	.1							6.6	7.9
W	.8	2.7	3.2	.5								7.2	6.8
WNW	1.2	1.8	.4	.2	.1							3.8	5.3
NW	1.5	.5	.1	.1								2.3	3.7
NNW	.5	1.2	.5	.1								2.4	5.3
VARBL			.8	.3								1.1	10.9
CALM												10	
	16.8	33.3	27.8	10.9	.5	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035931 LAKENHEATH RAF UK 73-82 AUG
STATION STATION NAME YEARS
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.2	.6									4.5	3.6
NNE	2.4	1.9	.3									4.6	3.8
NE	3.1	1.7	.4	.4								5.7	4.3
ENE	1.2	1.8	1.7									4.7	4.0
E	1.6	2.5	1.4	.5								6.0	5.6
ESE	2.7	2.5	.8									5.3	4.3
SE	1.6	3.0	.9	.1								5.5	4.7
SSE	1.7	2.7	.5	.6								4.5	5.6
S	1.6	1.6	1.8	1.0	.3							6.3	7.1
SSW	.6	2.3	4.0	.6								7.5	7.3
SW	1.7	2.0	3.8	1.1	.1							8.7	7.3
WSW	1.1	1.0	.8	.3	.1							3.2	6.0
W	1.1	1.5	1.8	.5								4.9	6.8
WNW	.9	.5	.6	.5								2.6	6.8
NW	1.3	.8	.1									2.2	3.6
NNW	.2	.6	.3									1.2	4.9
VARIABLE			.1	.1								.2	9.5
CALM												23.0	
	24.4	27.0	19.1	5.9	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C35831 LAKENHEATH RAF UK 73-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
AUG
MONTHS (L.B.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.9	1.9	1.3	.9	.0							5.6	5.5
NNE	1.6	1.3	.7	.3	.0							4.1	5.2
NE	1.3	1.4	.8	.7	.1							4.2	6.1
ENE	.9	1.2	1.2	.2								3.6	5.8
E	1.1	2.0	1.3	.6	.1							5.1	6.5
ESE	1.7	1.5	.7	.1	.0							3.9	5.2
SE	1.1	1.3	.6	.1	.0							3.2	4.9
SSE	1.1	1.1	.9	.3	.0							3.5	5.7
S	1.6	1.7	1.7	.9	.3	.0						6.1	7.1
SSW	.8	1.6	2.9	1.7	.2	.0	.0					7.3	8.6
SW	1.3	1.8	3.1	2.0	.3	.1						8.7	8.5
WSW	.8	1.7	2.0	1.0	.1	.0						5.7	7.8
W	1.5	2.5	2.9	1.1	.0							8.1	8.8
WNW	1.0	1.7	1.4	.5	.0							4.6	6.9
NW	1.1	1.3	.7	.1								3.2	5.2
NNW	.8	1.2	.9	.2								3.1	5.7
VARB			2.8	1.4	.1	.0						4.3	14.1
CALM												16.3	
	19.7	25.3	26.1	11.7	1.5	.2	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035831 LAKENHEATH RAF UK YEAR 73-82 MONTH SEP
CLASS ALL WEATHER 0000-C200
CONDITION 0000 (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	.6	.3									2.2	4.0
NNE	1.0	.8	.1									1.9	3.5
NE	.8	.2	.3									1.3	4.2
ENE	.6		.1	.2								.9	5.9
E	1.2	1.1	.8	.3	.1							3.6	5.8
ESE	1.9	2.8	.6	.2								5.3	4.9
SE	2.7	2.4	1.1	.2								5.8	4.7
SSE	2.9	1.7	1.0	.7	.1							6.3	5.1
S	2.9	2.8	3.9	2.3	.2							12.1	7.8
SSW	1.1	2.7	4.0	1.7	.2	.1						9.8	8.1
SW	1.2	2.2	2.7	1.8	.4							8.4	8.4
WSW	1.0	1.2	1.7	2.3	.4							6.7	9.2
W	1.8	1.7	1.1	.4								5.0	5.2
WNW	1.3	1.7	.4	.3								3.1	5.1
NW	.8	.3	.8	.4								2.3	6.8
NNW	1.2	.3	.2									1.8	2.9
VARB			.8	.2	.2							1.2	10.5
CALM												22.2	
	22.9	21.8	19.9	11.2	1.7	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035831 LAKENHEATH RAF UK 73-82 SEP 0300-0500
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.4									2.3	3.7
NNE	.4	.6										1.0	3.4
NR	.3	.4	.2									1.0	4.4
ENE	.2	.3	.4									1.0	5.8
E	1.3	2.1	1.1	.3								4.9	5.9
ESE	1.6	1.6	.2	.2								3.6	4.3
SE	1.8	2.4	.9	.2								5.3	4.8
SSE	2.8	3.3	1.7	1.1								8.9	5.6
S	2.6	2.6	4.1	1.1	.2							10.6	6.8
SSW	3.1	2.1	3.2	2.1	.2	.2						11.0	7.4
SW	1.0	2.8	2.9	1.9	.2							8.8	7.9
WSW	1.7	1.4	1.8	1.3	.2	.1						5.9	8.4
W	2.0	1.2	.4	.6								4.2	5.2
WNW	.9	.3	.4	.4	.1							2.2	6.7
NW	1.0	.7	1.3	.3								3.3	6.3
NNW	1.3	.3	.1									1.8	2.8
VARB			.7	.3	.3							1.3	11.8
CALM												22.9	
	22.7	22.8	20.0	10.0	1.3	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 LAKENHEATH RAF UK

73-82

SEP

ALL WEATHER

0600-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.7									2.6	4.7
NNE	.7	.3										1.0	3.2
NE	1.7	.4	.2									1.7	3.7
ENE	.7	.2	.6	.1								1.1	6.6
E	.9	1.7	.9	.6	.2							3.6	7.1
ESE	.9	1.7	.8	.1								3.9	5.5
SE	2.7	2.6	1.1	.4								6.1	5.3
SSE	2.4	2.2	1.6	1.4								7.7	6.3
S	1.7	3.4	3.9	1.8	.1							10.9	7.1
SSW	3.1	2.1	3.8	2.1	.2	.1						11.5	7.3
SW	1.6	2.6	3.1	2.4	.4							10.1	8.9
WSW	1.1	1.3	2.8	1.7	.2							7.1	8.9
W	1.8	2.7	2.4	.7	.2							7.1	6.6
WNW	.7	1.4		.4	.1	.1						2.8	7.1
NW	1.0	.8	1.2	.1								3.1	5.8
NNW	1.1	.4	.1									1.7	3.1
VARBL		.1	1.2	.9	.2							2.9	11.1
CALM												16.1	
	21.9	23.9	24.9	12.8	1.8	.2						120.0	5.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75831 LAKENHEATH RAF UK 71-82 SEP
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	1.4	.2								3.9	6.2
NNE	.3	.7	.4									1.4	5.5
NE	.4	.4	.6	.1								1.6	5.7
ENE	.1	.7	.6	.3								1.7	7.7
E	.7	.8	.8	.8								3.2	7.3
ESE	.3	1.2	.3	.3								2.2	6.8
SE	.4	1.2	1.2	.6	.1	.1						3.7	7.9
SSE	.8	1.3	1.6	1.4	.2							5.3	8.5
S	.8	1.2	2.8	2.9	1.1	.2						9.7	10.8
SSW	1.0	1.7	4.4	3.8	.6							11.4	9.6
SW	1.7	1.6	3.9	4.7	.4	.4						12.0	10.3
WSW	1.7	1.3	3.2	2.7	.6							9.4	8.9
W	1.3	2.4	3.2	2.6	1.7	.4						11.0	9.7
WNW	1.0	1.3	1.7	1.1	.1	.1						5.2	7.6
NW	.7	1.8	1.2	.3	.1							4.1	6.5
NNW	1.0	1.7	.9	.3	.1							3.3	6.3
VARB		.1	5.6	2.3	.3							8.3	9.8
CALM												3.3	
	12.3	20.2	33.8	24.4	4.6	1.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 075931 LAKENHEATH RAF UK 73-82 YEARS SEP
STATION NAME ALL WEATHER CLAS 1200-1800
CONDITION MOON (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.4	1.2	1.9	.6	.2							4.3	8.0
NNE	.7	.9	.3									1.9	4.9
NE	.4	1.0	.6									2.7	5.3
ENE		.7	.3									.6	8.0
E	.3	.8	1.3	1.1	.1							3.7	9.2
ESE	.1	.6	.3	.2								1.2	7.0
SE	.3	.4	.4	.7	.4							2.3	10.2
SSE	.4	.7	.9	.6	.4	.1						3.1	9.9
S	.4	1.8	3.7	4.1	1.7	.2						10.6	10.9
SSW	.6	1.6	2.1	3.3	.6	.3						8.5	10.8
SW	.9	1.7	2.4	7.1	1.3	.2						13.7	11.5
WSW	.3	2.1	2.9	3.7	1.2	.2						9.8	10.9
W	.7	3.1	3.3	3.6	.3	.4						11.5	9.7
WNW	1.3	2.1	2.1	1.3	.1							7.3	7.1
NW	.6	1.9	1.1	.4								4.3	6.9
NNW	.7	1.7	1.3	.3	.1	.1						4.2	6.9
VARBL		.1	6.8	2.8	.2							9.9	9.8
CALM												1.8	
	8.2	21.8	31.3	29.1	6.1	1.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35931 LAKENHEATH RAF UK 77-82 SEP
STATION NAME YEARS MONTHS
CLASS ALL WEATHER 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	2.2	.7	.1							5.4	7.1
NNE	.8	1.1	.3									2.2	4.5
NE	.4	1.0	1.0	.1								2.5	6.1
ENE	.7	.3	.4	.4								1.6	6.7
E	.3	1.4	1.4	.7								4.2	7.3
ESE	.4	1.7	.3	.4								2.2	6.7
SE	.1	1.3	1.8	.9								4.1	8.4
SSE	.3	.9	1.6	.8								3.6	8.3
S	.9	2.0	3.7	2.7	.3	.1	.1					9.8	9.4
SSW	.6	1.4	2.9	2.6	.7	.4						8.6	10.4
SW	.4	.9	3.3	5.3	.4	.1						15.6	15.9
WSW	1.2	1.1	3.2	3.8	.6	.1						15.0	9.8
W	1.9	3.7	3.9	2.3	.4	.1						12.3	7.9
WNW	1.9	1.6	2.1	1.2	.2	.1						7.1	7.2
NW	1.3	1.6	.8	.3								3.7	5.6
NNW	.7	1.4	1.1	.6								3.8	6.6
VARB			3.6	1.2	.3							5.1	10.0
CALM												2.9	
	12.9	22.0	34.0	24.0	3.1	1.0	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 035831 STATION NAME LAKENHEATH RAF UK YEARS 73-82 DATE SEP
ALL WEATHER 1970-2000
 CLIM MONTHS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.7	.6	.7								4.4	4.3
NNE	1.4	.6	.1									2.1	2.9
NE	1.9	1.1	.6									3.6	4.0
ENE	.9	.6	1.2									2.7	5.7
E	1.4	2.1	1.3	.3								5.2	5.6
ESE	2.3	2.6	1.1	.2	.1							6.3	5.0
SE	2.7	3.3	1.8	.2	.1	.1						7.6	5.5
SSE	2.0	1.7	2.7	.8								6.4	6.1
S	.8	1.8	3.8	1.7	.1							9.1	8.2
SSW	.4	1.9	3.1	1.7	.2	.7	.1	.1				7.8	9.7
SW	1.4	1.8	2.1	2.3	.3	.1						8.1	9.7
WSW	1.1	2.2	2.0	2.0	.1							7.4	7.8
W	1.7	2.3	2.2	1.1								7.3	6.7
WNW	.7	1.6	1.3	.4	.1							4.1	6.8
NW	.6	.3	.8		.1							1.8	6.6
NNW	.9	.3	.7	.4								2.3	6.3
VARBL		.1	.6	.6								1.2	10.8
CALM												13.4	
	21.6	25.9	25.2	12.0	1.2	.4	.1	.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75931 STATION NAME LAKENHEATH RAF UK YEARS 77-80 MONTH SEP
CLASS ALL WEATHER SOURCE 120-2100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.8										2.6	2.9
NNE	1.3	1.1	.2									2.7	3.8
NE	1.2	.7	.1									.9	3.4
ENE	.6	.2	.6									1.1	5.6
E	1.7	1.7	.9	.8								4.1	6.6
ESE	1.7	2.9	1.8	.1								5.3	5.9
SE	1.7	3.3	1.1	.4		.1						6.7	5.5
SSE	3.4	1.7	1.7	1.1	.1	.1						3.1	6.2
S	1.6	2.6	3.2	3.1	.2							10.7	8.7
SSW	.6	1.7	3.2	2.7	.3	.1	.1					8.2	9.2
SW	.9	2.8	2.3	1.7	.2	.1						7.3	7.9
WSW	.6	.9	2.0	2.4	.2							6.1	9.7
W	1.3	2.4	1.6	.8								6.1	6.2
WNW	1.1	1.1	.3	.3								2.9	5.1
NW	.6	.3	.9	.2								2.2	6.9
NNW	.9	.4	.6	.3								2.2	5.9
VARBL			.9	.6								1.4	12.6
CALM												19.8	
	19.4	24.6	21.3	13.2	1.1	.4	.1					100.3	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

35831
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEARS

SEP
MONTH

ALL WEATHERED
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.9	.2	.7							3.5	5.5
NNE	.8	.8	.2									1.9	4.0
NE	.8	.7	.4	.7								2.7	4.6
ENE	.4	.3	.5	.1								1.4	6.8
E	.9	1.4	1.1	.6	.1							4.1	6.8
ESE	1.1	1.4	.7	.2	.7							3.8	5.8
SE	1.3	2.1	1.2	.5	.1	.7						5.2	6.0
SSE	1.9	1.7	1.5	1.0	.1	.0						6.2	6.6
S	1.4	2.3	3.5	2.5	.4	.1	.7					10.2	8.5
SSW	1.3	1.7	3.3	2.4	.4	.2	.7	.7				9.6	8.9
SW	1.1	2.0	2.8	3.3	.5	.1						9.9	9.5
WSW	1.0	1.5	2.4	2.4	.4	.1						7.8	9.2
W	1.6	2.4	2.3	1.5	.3	.1						8.1	7.7
WNW	1.1	1.3	1.1	.7	.1	.0						4.3	6.8
NW	.8	1.7	1.0	.3	.0							3.0	6.3
NNW	1.0	.8	.6	.3	.0	.0						2.6	5.6
VARBL		.1	2.5	1.1	.2							3.9	10.1
CALM												12.8	
	17.7	22.8	26.2	17.1	2.6	.7	.0	.7				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35R31 STATION NAME LAKENHEATH RAF UK YEAR 77-82 MONTH OCT
CLASS ALL WEATHER MONTHS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.1									2.7	3.8
NNE	.8	1.6	1.0									3.3	5.5
NE	1.5	.9	.6	.1								3.1	5.0
ENE	.9	.5										1.4	3.0
E	1.9	2.7	1.2									5.9	4.6
ESE	1.7	1.3	1.7									4.0	4.6
SE	2.7	3.1	1.1	.3								6.6	5.0
SSE	2.7	3.7	1.7	.6	.1							8.2	5.8
S	1.7	2.3	1.6	1.1								6.7	6.6
SSW	.5	2.4	1.6	2.3	.6							7.4	9.2
SW	1.5	1.8	2.7	1.8	.4	.1	.2					8.0	8.8
WSW	.4	1.8	2.6	1.3	.1							6.2	8.5
W	.6	1.6	1.5	1.2	.2	.1						5.3	8.4
WNW	.5	1.1	1.7	.5	.3							3.4	8.0
NW		.6	2.3	1.1	.2							4.2	9.8
NNW	.5	.1	.1	.9								1.6	8.3
VARBL			1.1	.5								1.6	10.5
CALM												20.5	
	18.0	26.9	20.4	11.7	2.0	.2	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035931 STATION LAKENHEATH RAF UK 73-82 ACT
STATION NAME YEARS MONTHS
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.5	.1								2.4	5.0
NNE	1.2	1.6	.9	.2								3.9	5.3
NE	1.3	1.7	.3									2.6	3.9
ENE	.8	1.3										2.7	3.7
E	2.2	1.9	1.1									5.2	4.5
ESE	1.2	2.3	1.8	.3								5.4	5.8
SE	2.7	2.5	1.3	.1								5.9	5.0
SSE	1.7	2.8	2.2	.9								7.5	6.0
S	1.8	2.4	1.4	1.0	.5							7.1	7.1
SSW	1.5	2.4	1.5	2.7	.2							8.3	8.1
SW	.5	1.8	2.7	1.3	.5							6.9	8.6
WSW	1.1	1.7	2.3	1.2	.1	.1						5.7	8.1
W	.6	1.2	2.4	1.3	.4	.1						6.0	9.2
WWW	.6	.8	.9	.3	.2							2.8	7.3
NW	.3	.8	2.7		.3							3.4	7.6
NNW	.3	.5	.2	.8	.2							2.0	9.3
VARBL			1.7	.5								1.5	10.6
CALM												21.3	
	18.1	24.8	22.4	10.7	2.6	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035831 STATION NAME LAKENHEATH RAF UK YEAR 77-82 MONTH OCT
CLASS ALL WEATHER HOURS 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.6	1.3	.8	.1	.2							3.0	6.8
NNE	1.4	.9	1.2									3.4	5.0
NE	1.0	.9	.4	.2	.2							2.7	6.1
ENE	.9	.6	.1									1.5	3.6
E	2.7	2.2	1.7	.2								6.1	5.1
ESE	.9	2.0	1.3	.7								4.4	5.6
SE	1.9	2.3	2.4	.8								7.3	6.3
SSE	1.7	2.9	2.4	.4	.1							7.5	6.0
S	2.2	3.3	1.3	1.4	.5							8.7	6.9
SSW	1.4	1.9	1.9	2.9	.3							8.5	8.9
SW	1.5	1.8	1.7	1.2	.4							6.7	7.5
WSW	1.1	1.1	2.4	1.5								6.2	7.8
W	1.3	1.3	2.3	1.3	.1	.1						6.3	8.2
WNW	.9	1.1	1.2	.8	.2							4.1	7.9
NW	.2	.8	1.2	.3	.3							2.8	8.8
NNW	.4	.4	.5	.3	.1							1.8	7.6
VARBL			.8	.2	.4							1.9	12.9
CALM												17.6	
	19.2	24.7	23.4	11.8	3.0	.1						170.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 35831 LAKENHEATH RAF UK STATION NAME 77-82 YEARS OCT
DATE 0900-1100
TIME 0000 (L.S.T.)
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.8	1.2	.9	.3							3.9	8.8
NNE	.2	.8	1.2	.5	.1							2.8	8.2
NE	.4	.5	1.0	.8	.1							2.5	8.7
NNE	.4	.6	.8	.7								2.7	6.3
E	.4	2.7	1.8	1.1	.1	.1						5.6	8.1
ESE	.4	1.6	2.3	.4	.1	.1						4.9	7.7
SE	1.2	1.2	1.5	1.7								4.8	6.9
SSE	.4	1.8	2.3	1.6	.1							6.2	8.6
S	1.7	3.3	3.8	1.6	.3							10.0	7.9
SSW	.5	1.8	2.4	2.4	1.6	.3						9.7	11.2
SW	1.2	1.3	2.3	1.3	1.4	.2						7.6	10.3
WSW	.9	1.7	1.7	2.2	.1	.2						5.9	9.6
W	1.6	1.2	3.7	2.5	.9	.2						9.4	9.3
WNW	1.3	.6	1.9	1.1	.6							5.6	8.7
NW	.3	.4	1.6	2.2	.5							5.1	11.1
NNW	.4	.8	.6	.5								2.4	7.5
VARB			2.5	2.0	.4	.1						5.1	11.8
CALM												7.2	
	11.4	19.8	31.7	21.8	8.8	1.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 035931 STATION NAME LAKENHEATH RAF UK YEARS 73-82 MONTH OCT
ALL WEATHER CLASS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.2	1.9	1.8	.2							6.5	8.3
NNE		.1	1.0	.8	.2							2.3	11.1
NE	.1	.3	.5	.6	.1							1.7	9.3
ENE		.1	.2	.8								1.1	10.7
E	.6	1.5	1.5	1.7								5.4	8.3
ESE	.9	1.2	1.3	1.6	.3							5.3	8.6
SE	.3	1.6	2.7	1.5	.2							6.3	8.9
SSE	1.7	1.5	2.2	1.0	.1							5.7	7.7
S	.2	2.8	3.2	2.3	.1							8.6	8.7
SSW	.4	1.5	2.5	3.3	1.3	.2						9.2	11.4
SW	.5	1.4	1.5	2.3	1.1	.3						7.1	11.2
WSW	.3	1.1	1.6	2.0	.4	.3						5.8	11.0
W	1.6	2.4	2.3	3.3	1.1	.1						10.5	9.7
WNW	.5	1.5	1.7	1.7	.3							5.8	8.8
NW	.9	.9	1.3	2.0	.5	.2						5.8	10.4
NNW	1.1	1.1	1.4	1.4	.1							5.1	8.2
VARBL			2.5	2.9	.8							6.1	11.9
CALM												1.9	
	9.8	20.1	29.0	31.1	6.9	1.2						170.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35831 STATION NAME LAKENHEATH RAF UK YEARS 73-82 DATE OCT
CLASS ALL WEATHER PERIOD 1500-1700
COORDINATE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.5	2.2	2.0	.1							8.7	7.1
NNE	.9	.4	.6	.6								2.6	6.7
NE	.2	.5	.8	.2								1.7	7.5
ENE	.4	.8	1.7	.2								2.4	6.8
E	1.4	1.7	1.6	.4								5.2	5.9
ESE	1.1	2.2	1.5	1.4	.1							6.2	7.1
SE	1.1	2.7	1.6	.6	.3							6.3	7.0
SSE	1.3	2.2	1.5	.9								5.8	6.5
S	1.3	2.9	3.9	2.3	.1	.1						10.5	8.0
SSW	.4	.9	1.1	2.7	.8	.1						5.1	11.0
SW	.9	1.2	2.7	2.5	.4							7.0	9.5
WSW	.9	1.2	1.8	1.2	.5							5.6	8.8
W	.9	1.3	1.8	2.8	.2	.1						7.1	9.3
WNW	1.3	1.3	1.9	1.3	.4							6.2	8.2
NW	1.1	1.2	1.1	.9	.3							4.5	7.6
NNW	.6	.8	1.4	.8								3.5	7.6
VARBL			1.2	1.8	.3							3.3	11.8
CALM												8.0	
	15.6	23.5	27.0	21.9	3.7	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 135R31 STATION NAME LAKENHEATH RAF UK YEARS 73-82 MONTH OCT
ALL WEATHER 1800-2200
 CLIM NOON (L.S.T.)
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	1.5	.2	.1							5.1	5.4
NNE	1.4	1.1										2.5	3.7
NE	1.5	1.4	1.7									3.9	4.7
ENE	.6	.6	.4									1.7	4.5
E	2.4	2.2	1.9	.1								6.6	5.7
ESE	1.2	2.9	1.2		.1	.1						5.5	5.5
SE	2.8	3.7	1.6	.5	.1	.1						8.2	5.3
SSE	1.3	3.7	1.9	.5								6.9	6.0
S	1.3	1.8	3.1	1.6		.3						8.2	8.3
SSW	.7	1.4	2.7	1.7	.6	.1	.1					6.2	10.2
SW	.8	1.7	1.4	1.6	.2							5.7	8.5
WSW	1.2	1.5	1.1	1.5								5.3	7.2
W	.8	1.3	3.7	1.3	.1							6.5	8.1
WNW	.2	.5	1.4	.8	.3							3.2	9.2
NW	.5	.6	1.2	.6								3.0	7.9
NNW	.9	.4	.8	.3								2.4	6.0
VARBL		.1	1.1	1.0		.1						2.3	11.2
CALM												17.2	
	18.9	24.9	24.6	11.8	1.6	.8	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035831 STATION LAKENHEATH RAF UK 73-82 YEARS OCT
STATION NAME DATE
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.6									2.8	4.2
NNE	2.4	.9	.9	.1								4.2	4.2
NE	.9	.9	.8	.1								2.6	5.2
ENE	.4	.8	.2	.1								1.5	4.9
E	1.5	1.7	.8									4.0	4.5
ESE	1.4	2.4	1.0			.1						4.8	5.1
SE	1.9	2.8	1.2	.5	.2							6.7	5.7
SSE	2.5	3.1	1.5	.3								7.4	4.9
S	1.4	3.8	2.6	1.8	.1	.2						9.9	7.5
SSW	.5	1.9	1.5	1.9			.1					6.0	8.9
SW	.8	2.5	2.5	1.8	.6	.1	.2					8.5	9.3
WSW	.6	1.2	2.4	1.0	.1							5.3	7.7
W	.2	2.0	2.2	1.3	.2	.1						6.2	8.7
WNW	.1	1.0	1.2	.6	.2							3.1	9.0
NW	.5	.3	1.2	1.1								3.1	8.6
NNW	.2	.8	.3	.6								1.9	7.8
VARBL			1.5	.6		.1						2.3	10.4
CALM												19.9	
	16.7	26.8	22.2	12.0	1.5	.6	.3					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 235831 STATION NAME LAKENHEATH RAF UK YEARS 77-82 DCT 0000
ALL WEATHERED CLASS ALL HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	1.1	.6	.1							4.4	6.5
NNE	1.7	.9	.8	.3	.7							2.1	5.9
NE	.9	.8	.7	.2	.1							2.5	5.9
ENE	.5	.7	.3	.2								1.7	5.3
E	1.6	2.7	1.5	.8	.7	.7						5.5	5.8
ESE	1.1	1.9	1.4	.5	.1	.7						5.1	6.3
SE	1.7	2.4	1.7	.7	.1	.7						6.5	6.2
SSE	1.5	2.6	1.9	.8	.1							6.9	6.4
S	1.4	2.8	2.6	1.6	.2	.1						9.7	7.7
SSW	.7	1.8	1.8	2.4	.7	.1	.7					7.5	9.9
SW	1.0	1.7	2.7	1.7	.6	.1	.1					7.2	9.2
WSW	.8	1.2	2.0	1.5	.2	.1						5.7	8.6
W	1.0	1.5	2.3	1.9	.8	.1						7.1	8.9
WNW	.7	1.0	1.4	.9	.3							4.3	8.4
NW	.5	.7	1.5	1.0	.3	.7						4.2	9.2
NNW	.6	.6	.7	.7	.1							2.6	7.8
VARBL		.7	1.4	1.2	.2	.7						2.9	11.5
CALM												14.2	
	16.0	23.9	25.1	16.6	3.5	.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35831 STATION NAME LAKENHEATH RAF UK YEARS 77-82 MONTH NOV
ALL WEATHER 7000-0200
 CLASS NOON (L.S.T.)
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	.7	.5	.2								3.3	4.2
NNE	.5	.7	.5									1.5	5.1
NE	.5	.3	.6		.2							1.5	7.4
ENE	.1	.5	.2	.2	.1							1.1	8.2
E	.1		.9	.3								1.4	8.5
ESE	.2	.5	.5	.1								1.2	6.5
SE	1.2	1.0	.7	.2								4.1	5.1
SSE	1.7	2.4	1.4	.8	.1							6.3	6.1
S	2.4	2.4	3.2	2.1	.6							11.0	7.4
SSW	2.3	2.4	3.5	6.9	.9	.2						16.1	9.9
SW	.6	2.7	5.2	6.4	.3	.3	.1					15.7	1.3
WSW	1.1	1.5	2.7	2.5	.5							7.5	9.0
W	1.2	1.6	2.5	.9		.1						6.3	7.3
WNW	.5	.7	.9	.8								2.8	7.8
NW	.2	.3	.3	.3	.3							1.6	10.7
NNW	1.0	.3	.3									1.7	4.1
VARBL			.6	.8	.5	.2						2.0	14.1
CALM												14.8	
	15.9	18.7	23.5	22.6	3.5	.9	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35831 LAKENHEATH RAF UK STATION NAME 73-82 YEARS NOV
ALL WEATHER 0300-0500
 CLASS NOON (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	.8	1.1									3.6	4.7
NNE	.5	1.1		.1								1.7	4.9
NE	.7		.1	.2	.1	.1						1.2	7.9
ENE	.3	.3	.1	.3		.1						1.2	3.4
E	.1	.8	.3	.3								1.6	7.3
ESE	.6	.6	.3									1.5	4.5
SE	1.7	1.1	.8	.5								4.1	5.7
SSE	1.7	2.9	2.1	.8	.1							7.0	6.6
S	2.4	2.1	2.4	3.4	1.5							11.4	9.4
SSW	1.2	1.4	3.6	5.6	1.1							13.4	10.3
SW	.9	3.3	5.1	6.0	.9	.2						16.3	10.1
WSW	.7	1.7	2.4	2.1	.5	.3						7.0	10.3
W	.5	.9	2.1	1.5	.1	.1						5.2	9.4
WNW	.5	.5	1.4	.3	.1							2.7	7.8
NW	.1	.5	.8	.8	.3							2.5	10.7
NNW	.6	.8	.2	.2								1.8	5.1
VARBL			.7	.7	.3	.1						1.8	13.0
CALM												16.1	
	13.7	18.5	23.5	22.9	5.1	1.0						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 388

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 125831 LAKENHEATH RAF UK STATION NAME YEARS 73-80
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.1	.3	.1								3.3	4.2
NNE	.8	.9	.3									2.2	4.4
NE	.5	.5	.1	.1	.2							1.4	7.1
ENE	.7	.3	.1	.2		.7						1.1	10.5
E	.6	.2	.7	.2								1.7	6.7
ESE	.5	1.4	.8									2.7	5.5
SE	1.7	2.7	.9	.2								4.8	5.5
SSE	.7	1.8	1.7	.7								5.1	6.8
S	2.4	2.9	4.5	3.3	.5	.1						13.5	8.3
SSW	1.9	2.4	3.8	6.3	1.2	.2						15.9	10.1
SW	.9	.9	4.5	5.5	.5	.1						12.4	10.3
WSW	.2	.8	2.6	2.1	.5							6.2	10.4
W	.9	.8	2.3	1.8	.5	.2						6.4	10.0
WNW	.1	1.7	1.1		.1							2.4	6.9
NW	.6	1.7	.9	1.5	.7							4.2	9.2
NNW	.7	.5	.7	.5								2.3	6.9
VARBL			.2	.7	.2	.1						1.2	14.4
CALM												13.4	
	13.9	19.1	25.6	23.2	3.8	1.0						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 09931 STATION NAME LAKENHEATH RAF UK YEARS 77-81

ALL WEATHER CLASS

CONDITION

PERIOD 000-1000 HOURS U.S.T.

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.6	.1								1.1	5.2
NNE	.7	.7	.5									1.8	4.7
NE	.7	.5	.3	.3		.7						1.6	9.7
ENE	.7	.3	.1	.2	.7	.1						1.1	12.8
E		.6	.7	.2								1.5	3.3
ESE	.6	.5	1.1	.7								2.4	6.7
SE	1.1	1.6	1.2	.8								4.7	6.4
SSE	1.1	1.0	.7	.8	.1							2.7	6.8
S	.8	1.0	3.4	3.2	1.7	.3						10.1	12.1
SSW	1.7	1.4	4.2	3.0	2.1	.5						17.7	12.0
SW	.3	.7	3.7	7.0	1.6	.2						14.1	11.6
WSW	.9	.7	3.7	3.5	.8	.2						7.7	11.2
W	.7	1.4	2.1	3.4	.8	.1						4.4	10.3
WNW	.3	.7	1.8	1.4								4.6	8.5
NW	.3	1.4	2.5	1.9	.7							6.4	9.4
NNW	.3	.3	1.7	.7								1.7	6.8
VARBL			1.2	1.5	.6	.1						1.4	12.8
CALM												6.9	
	11.4	14.2	20.5	29.6	7.7	1.8						10.2	9.1

TOTAL NUMBER OF OBSERVATIONS 388

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 71931 LAKEVHEATH RAF UK 77-82 NCV
STATION NAME YEARS
ALL WEATHER? 1277-1400
CLIM HOUSE (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.3	.2								1.9	5.2
NNE	.7	.9	.1	.1								1.9	4.7
NE	.3	.4	.3	.4								1.6	7.0
ENE	.2	.3	.2	.6	.7	.2						2.2	13.9
E	.5	.1	.6	.2	.2							1.7	7.9
ESE	.4	.4	.7	.3								1.9	6.9
SE	.2	1.0	1.1	1.0								3.8	8.5
SSE	.3	1.0	1.9	.4	.1							3.8	7.7
S	.7	2.6	3.3	2.5	1.3	.1						10.4	10.0
SSW	.7	1.0	3.8	4.0	1.7	1.2						12.2	12.8
SW	.3	.7	3.4	5.6	2.2	.3						12.6	12.9
WSW	.4	1.1	2.8	2.8	1.6	.4						9.2	12.0
W	1.7	1.5	2.1	4.9	1.6	.3						12.1	11.0
WNW	.8	.6	1.8	2.9	.7							6.4	10.5
NW	.8	.9	2.9	2.0	.2							6.5	9.6
NNW	.6	.6	1.3	1.0								3.5	8.4
VARBL			2.0	1.8	.6	.3						4.7	12.8
CALM												4.0	
	9.1	13.8	28.7	31.0	10.5	2.8						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

135831 STATION LAKENHEATH RAF UK 77-82 YEARS NOV MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.8	.9	.3								2.3	5.9
NNE	.3	.1	.8	.1								1.3	6.9
NE	.3	.4	.7	.8	.2	.1						2.6	10.3
ENE	.1	.2	.1	.1	.1	.1						.8	10.6
E	.3	.3	.4	.4								1.6	7.9
ESE	.3	.8		.6								1.7	7.1
SE	.8	1.5	.3	.3								2.9	5.3
SSE	.3	2.1	2.2	.4								5.2	6.8
S	1.2	3.5	2.5	3.9	.3	.4						11.9	9.3
SSW	.6	1.7	3.7	4.2	.9	.1						11.1	10.4
SW	1.0	1.8	3.5	5.4	1.8	.3						13.8	11.3
WSW	.9	.7	1.9	2.7	.4	.1						6.6	10.4
W	1.1	2.6	3.9	3.1	1.2	.1						12.1	9.7
WNW	.7	1.9	1.5	1.2		.1						5.4	7.8
NW	.9	1.5	1.5	1.5	.1							5.4	8.1
NNW	.4	.4	.9	.4	.1	.1						2.5	9.1
VARBL			.8	.9	.3	.3	.1					2.5	14.7
CALM												9.8	
	10.2	20.3	25.6	26.5	5.6	1.9	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 35931 STATION NAME LAKENHEATH RAF UK YEARS 73-82 MONTH NOV
CLASS ALL WEATHER PERIOD 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	.3	.3								2.5	5.8
NNE	.1	1.3	.6									2.0	6.1
NE	.3	.3	.3	.4	.2	.1						1.8	9.9
ENE	.1	.1	.3	.1	.2	.1						1.7	11.7
E	.2		.4	.3								1.0	9.3
ESE	.3	.3	.6	.3								1.6	7.1
SE	1.7	2.6	.6	.1								4.3	4.8
SSE	1.2	3.8	1.7	.4								6.9	5.7
S	1.7	3.3	3.1	4.3	.2							11.9	8.7
SSW	.6	1.3	4.4	5.5	.8	.2	.1					12.9	10.9
SW	.3	1.9	3.5	4.2	1.2	.3						11.5	11.1
WSW	.7	1.1	3.7	2.1	.4							7.8	9.7
W	2.2	2.1	2.4	3.3	.6	.2						10.8	8.9
WNW	1.5	1.1	1.5	.2	.1							4.8	6.3
NW	.7	1.7	1.0	1.1								3.8	7.7
NNW	.7	.2	.6	.4	.1							2.0	7.9
VARBL			.1	1.0		.1						1.2	15.0
CALM												13.0	
	11.7	21.8	29.7	24.3	3.9	1.1	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 890

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35831 STATION NAME LAKEWHEATH RAF UK YEAR 73-80 MONTH NOV
CLASS ALL WEATHER
CONDITION

2107-2300
NOV (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.4	.2	.1							1.3	5.0
NNE	.3	1.2	.4									1.8	5.4
NE	.3	.4	.7	.1	.3							1.5	8.5
ENE	.1	.2	.1	.3	.1							.9	9.8
E	.2	.1	.6	.1								1.0	6.8
ESE	.6	.7	.1	.7								2.0	7.4
SE	1.2	1.1	.3									2.5	4.2
SSE	2.5	2.8	1.5	.6	.1							7.4	5.3
S	1.1	2.8	2.5	2.9	.7							10.0	8.8
SSW	.3	3.6	4.4	7.0	.7		.2					16.2	10.6
SW	.4	2.1	3.9	5.2	.8	.2						12.7	10.6
WSW	.9	1.7	2.1	1.6	.4							7.1	8.8
W	.4	2.6	2.7	2.4	.4	.1						9.7	9.2
WNW	.9	1.7	1.5	.2								4.3	6.2
NW	.2	.1	.8	.6	.3							2.0	10.7
NNW	.8	.2	.4	.3								1.8	6.4
VARBL			.4	.9	.1		.1					1.6	13.9
CALM												15.4	
	11.5	22.5	22.5	23.4	4.2	.3	.3					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35833 STATION NAME LAKENHEATH RAF UK YEAR 77-82 MONTH NOV
CLASS ALL WEATHER MONTH (L.S.T.) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.8	.6	.2	.0							2.9	5.2
NNE	.5	.8	.4	.7								1.8	5.2
NE	.4	.4	.3	.3	.2	.1						1.6	8.7
ENE	.7	.3	.2	.3	.2	.1						1.2	10.7
E	.3	.3	.6	.3	.7							1.4	7.8
ESE	.4	.6	.5	.3								1.9	6.5
SE	1.7	1.7	.7	.4								3.8	5.7
SSE	1.1	2.3	1.8	.6	.1							5.9	6.4
S	1.5	2.7	3.1	3.2	.8	.1						11.4	9.0
SSW	1.2	1.0	3.9	5.4	1.2	.3	.0					13.9	10.6
SW	.7	1.8	4.1	5.7	1.2	.3	.0					13.6	11.0
WSW	.7	1.0	2.5	2.5	.6	.1						7.5	10.3
W	1.1	1.7	2.5	2.7	.6	.2						8.8	9.7
WNW	.7	1.0	1.4	.9	.1	.0						4.1	7.9
NW	.4	.8	1.3	1.2	.2							4.2	9.2
NNW	.6	.4	.7	.4	.0	.0						2.2	7.1
VARBL			.8	1.0	.3	.2	.0					2.3	13.5
CALM												11.7	
	12.1	19.6	25.4	25.3	5.5	1.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 7118

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

35831 LAKENHEATH RAF UK 73-82
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
D.C.
MONTH
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.6	.4									2.2	4.2
NNE	.3	1.7	.4	.4								2.2	6.8
NE	.5	.5	.3	.4								1.8	7.1
ENE			.4	.1	.1	.2	.1					1.7	16.2
E	.6	1.7	1.7	.5								3.9	7.1
ESE	.5	.8	1.7	1.3	.1	.1						3.8	9.2
SE	.5	1.7	1.8	1.2	.2	.1						4.8	8.8
SSE	1.2	.4	1.7	1.7	.5	.1						4.9	9.6
S	1.2	2.7	2.7	2.6	.5							9.7	8.6
SSW	1.4	2.2	3.5	4.4	1.7	.1						13.3	10.4
SW	1.8	2.7	3.5	4.2	1.2	.1	.1	.1				13.1	10.0
WSW	.3	1.4	3.7	4.4	.4	.1						10.2	10.5
W	.9	1.4	1.9	1.8	.8							6.8	9.5
WNW	.2	.4	1.3	1.5								3.4	9.1
NW	.1	.2	1.4	.9								2.6	9.5
NNW	.2	.3	1.1	.2								1.8	7.3
VARBL			.8	.6	.3	.2	.1					2.0	14.5
CALM												13.1	
	11.7	15.3	27.7	26.3	5.8	1.1	.3	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35931 LAKENHEATH RAF UK YEARS 73-82 MONTHS DEC
STATION NAME
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9	.6									2.7	4.8
NNE	.3	.5	.8	.1								1.7	6.2
NE	.4	.2	.7	.1		.7						1.2	9.7
ENE	.1	.4	.3	.8	.1							1.7	9.6
E	.9	1.7	.9	.8								3.4	7.0
ESE	.2	.8	1.4	1.0	.2							3.5	9.3
SE	.3	.9	1.5	.6	.3	.1						3.9	9.0
SSE	1.2	.9	1.6	1.4	.3	.7						5.5	9.0
S	1.3	1.5	2.7	2.6	.9							8.9	9.4
SSW	1.4	2.6	4.3	4.1	1.1	.3	.1					13.9	9.7
SW	1.3	2.4	3.2	5.2	1.0	.4		.1				13.5	12.6
WSW	.8	1.8	3.2	3.7	.1							9.6	9.8
W	.8	.8	1.7	2.4	.2							5.8	9.8
WNW	.3	.5	.5	.8	.1	.1						2.4	9.6
NW	.7	.4	1.3	1.5	.2							3.8	10.3
NNW	.1	.4	.8	.3								1.6	7.6
VARBL		.2	.8	.8	.3			.1				2.2	12.9
CALM												14.8	
	10.9	16.7	25.8	25.9	4.8	1.4	.1	.2				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 33831 LAKENHEATH RAF UK 73-82 YEARS DEC
STATION NAME ALL WEATHER DATE 2600-2800
CLASS MOON (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.3	.5	.1							2.2	7.7
NNE	.8	.9	.3									1.9	4.8
NE	.6	.7	.4	.3								1.6	6.1
ENE	.3	.3	.4	.6								1.7	8.3
E	.4	1.3	1.8	.1	.1							3.8	6.8
ESE	.4	.1	1.7	1.3								3.5	9.1
SE	.5	.6	1.5	.9	.1	.2						3.9	9.4
SSE	1.7	.9	1.8	1.1	.5	.2						5.5	9.5
S	.8	2.2	3.3	3.3	1.0	.1						10.6	9.9
SSW	1.5	2.3	5.1	3.7	.6	.2						13.3	9.3
SW	.5	2.8	3.7	4.0	1.3	.3						11.9	10.6
WSW	.4	1.9	2.9	3.0	.4	.2						8.9	9.9
W	1.5	1.5	1.9	2.2	.1	.1	.1					7.4	8.6
WNW	.2	.1	.3	.6	.5							1.8	11.4
NW	.2	.5	1.7	1.0	.3							3.8	9.6
NNW	.3	.3	.8									1.4	6.4
VARBL			.2	1.0	.2	.1						1.5	14.9
CALM												15.2	
	9.9	16.8	27.6	23.5	5.4	1.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035831 LAKENHEATH RAF UK STATION NAME 73-82 YEARS DEC 1990-1990
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.5	.8	.7	.2							2.6	7.5
NNE	.4	.5	.8	.2								1.9	6.7
NE	.4	.6	.4	.5								2.7	7.3
ENE	.4	.2		.8								1.4	6.2
E	.5	.9	1.7	1.0								4.3	9.2
ESE	.4	.5	1.2	1.2								3.3	8.6
SE	.5	.6	.8	1.7		.7						4.7	9.9
SSE	.5	.9	1.6	.9	.2	.3						4.4	9.3
S	1.4	1.1	2.7	3.5	.4	.2						9.4	9.8
SSW	1.5	1.5	3.3	3.1	1.5	.2						11.2	10.1
SW	1.1	2.7	4.8	6.1	1.2	1.2						16.5	11.4
WSW	.6	2.5	3.4	5.4	.5	.2	.1					12.8	10.4
W	.6	1.3	2.5	1.7	.1							6.2	8.6
WNW	.6	.4	.8	.8								2.6	7.5
NW	.2	.8	1.8	1.0	.7							4.7	9.5
NNW	.5	.4	1.7	.4								2.4	7.5
VARBL			.8	1.1	.5	.7						2.7	14.1
CALM												8.4	
	10.9	14.8	27.5	30.6	4.9	2.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35931 STATION NAME LAKENHEATH RAF UK YEARS 73-82 MONTH DEC
CLASS ALL WEATHER MONTH 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.9	.4	.2	.1						2.8	8.3
NNE	.2	.6	.4	.3								1.5	7.3
NE	.2	.8	.6	.5								2.2	7.6
ENE	.2	.5	.9	.4								2.2	8.2
E	.1	.3	1.5	1.5	.3							3.8	11.3
ESE	.4	.3	1.7	1.7	.2							3.7	10.3
SE	.1	.6	1.2	1.5	.1	.1						3.7	10.6
SSE	.8	.6	1.6	.6	.3							4.2	8.4
S	.2	.3	1.6	2.7	.6	.4						5.9	12.5
SSW	.4	1.7	4.6	3.0	1.5	.1						10.6	11.2
SW	.8	1.6	3.8	6.7	1.3	.6						14.1	11.6
WSW	.9	1.9	3.5	5.7	1.0	1.1						14.1	11.6
W	1.4	1.0	3.1	4.5	.8	.3						12.0	9.9
WNW	.3	.6	1.1	1.3		.2						3.5	10.1
NW	.8	1.7	2.3	1.4	.2	.1						5.7	9.1
NNW	.2	.4	.9	.8	.1							2.4	9.4
VARBL			.4	1.0	.4	.3						2.2	15.1
CALM												5.9	
	7.5	13.4	29.2	33.4	7.1	3.4						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 07531 STATION NAME LAKENHEATH RAF UK YEARS 73-82 REF DEF
CLASS ALL WEATHER PERIOD 1500-1700
CONDITION 0000 (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4	.8	.3								2.2	6.3
NNE	.4	.4	.6	.2								1.7	6.6
NE	.1	.8	.8	.1								1.7	6.8
ENE	.1	.5	1.7	1.2	.1							2.9	10.1
E	.4	.2	1.6	1.3	.2							3.3	9.6
ESE	.3	1.1	1.7	1.7	.1							3.4	8.4
SE	.3	.9	1.7	1.5	.1							4.4	9.2
SSE	.4	1.4	1.7	.2	.2	.1						4.1	7.8
S	1.0	1.7	3.7	2.2	.8	.3						8.9	9.8
SSW	.6	2.6	3.3	4.3	.8	.2						11.8	10.1
SW	.9	2.7	4.4	3.1	.6	.2	.3					12.2	9.6
WSW	1.2	2.0	4.4	3.2	1.7	.3						12.2	9.9
W	.3	1.7	4.7	2.6	.8	.2						9.6	10.0
WNW	.8	1.1	.9	1.1								3.8	7.3
NW	.9	1.2	1.7	1.7	.2							4.9	7.9
NNW	.3	.8	.6	.6	.3							2.7	9.3
VARB			.5	.6	.5	.1						1.8	14.2
CALM												8.0	
	8.7	19.4	32.0	24.5	5.7	1.5	.2					170.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKEHURST AFB TX STATION NAME LAKEHURST AFB TX YEARS 77-82 MONTH DEC
ALL WEATHER CLIM 1922-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.9	.2								2.4	6.0
NNE	.4	.4	.4	.2								1.5	6.4
NE	.1	1.1	.6	.7								1.9	6.7
ENE	.3	.3	.3	.8								1.7	9.5
E	.6	.6	2.3	1.0	.3							4.9	8.7
ESE	.2	.6	1.8	.9	.1							3.7	8.8
SE	.4	.8	1.2	1.2	.2							3.3	9.2
SSE	.9	1.7	2.5	2.0	.3							6.7	9.1
S	.6	2.7	1.0	2.7	.9	.1						8.2	9.7
SSW	1.0	3.7	3.7	4.7	1.2	.3						13.9	10.3
SW	.8	3.1	5.7	2.6	1.7	.3						12.9	9.3
WSW	.8	2.5	2.7	4.7	.1	.5						10.5	9.8
W	.3	1.6	2.5	1.7	.3	.1						7.2	8.7
WNW	.4	1.7	1.7	.5	.2							3.1	8.0
NW	.5	.8	1.5	1.4	.1							4.3	8.8
NNW	.8	.3	.6	.2	.1							2.0	6.6
VARBL			.1	.6	.3							1.1	14.6
CALM												10.5	
	9.2	19.8	29.1	24.8	5.1	1.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 13521 LAKENHEATH RAF UK STATION NAME 77-82 YEARS DIS
CLASS ALL WEATHER 2100-2400
HOURS (LST) NOV 67
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	.4	.1								2.3	5.4
NNE	.3	.6		.4								1.3	6.5
NE	.5	.7	.6	.2								1.0	5.6
ENE	.2	.4	.7	.4		.2						1.6	9.9
E	.5	.8	1.5	.5	.2	.1						3.7	8.5
ESE	.5	.9	2.2	1.5		.1	.2					5.5	9.8
SE	.2	.5	.9	1.4								3.2	9.6
SSE	.2	.4	2.4	1.8	.4							5.9	9.5
S	1.7	2.2	3.1	2.3	1.7	.3						9.8	9.8
SSW	.2	1.7	4.9	3.4	1.2	.5						12.2	10.9
SW	1.2	2.9	4.7	4.0	1.6	.1						14.5	9.9
WSW	.6	2.5	2.3	1.5	.9	.1						7.8	9.7
W	.4	1.8	3.7	1.5	1.1							7.8	9.7
WNW	.2	.5	1.6	1.3								3.8	9.2
NW	.5	.4	1.4	.8								3.1	7.8
NNW	.2	.4	1.7	.1								1.7	7.1
VARBL			.7	1.0	.2							1.5	13.7
CALM												12.5	
	8.5	17.8	32.6	22.3	6.6	1.5	.2					100.7	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35331 STATION NAME LAKENHEATH RAF UK YEARS 75-82 MONTH DEC
CLASS ALL WEATHERED MONTHS (L S Y) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.6	.7	.1	.7						2.4	6.3
NNE	.4	.6	.5	.7								1.7	6.4
NE	.4	.6	.5	.3		.7						1.4	6.9
ENE	.7	.3	.5	.6	.7	.1	.7					1.3	9.7
E	.5	.8	1.5	1.7	.1	.7						3.3	5.5
ESE	.4	.6	1.4	1.2	.1	.7	.7					3.3	9.2
SE	.4	.7	1.3	1.2	.1	.1						3.7	9.4
SSE	.9	.8	1.8	1.2	.4	.1						5.1	9.1
S	.9	1.6	2.6	2.7	.7	.7						8.8	9.8
SSW	1.7	2.1	4.1	3.8	1.2	.3	.7					12.5	10.2
SW	1.7	2.4	4.1	4.4	1.1	.4	.7	.7				13.6	10.4
WSW	.7	2.1	3.3	3.9	.5	.3	.7					12.3	10.2
W	.9	1.5	2.6	2.3	.5	.1	.7					7.9	9.4
WNW	.4	.6	.9	1.0	.1	.7						3.1	8.9
NW	.4	.7	1.6	1.1	.2	.7						4.7	9.7
NNW	.3	.4	.8	.3	.1							2.7	7.8
VARBL		.7	.5	.8	.4	.1	.7	.7				1.9	14.2
CALM												11.7	
	9.6	16.7	28.6	26.4	5.7	1.8	.1	.7				17.2	8.5

TOTAL NUMBER OF OBSERVATIONS 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7733 STATION NAME LAKEHHEATH DAF TX YEARS 77-87

ALL WEATHERED CLASS ALL HOURS (L & T) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	2.1	1.0	.1	.0	.0					6.3	7.2
NNE	.9	1.1	1.3	.7	.1	.0						4.7	7.0
NE	.7	.9	.9	.6	.1	.0						3.2	7.6
ENE	.4	.7	.8	.6	.1	.0	.0					2.6	8.0
E	.7	1.2	1.3	.8	.1	.0						4.2	7.5
ESE	.7	1.3	1.0	.5	.0	.0	.0					3.6	6.7
SE	.0	1.6	1.1	.6	.1	.0	.0					4.2	6.6
SSE	1.2	1.6	1.5	.8	.1	.0						5.1	6.9
S	1.2	1.9	2.5	2.0	.4	.1	.0					8.1	8.5
SSW	.9	1.6	2.9	2.7	.6	.1	.0	.0				8.7	9.6
SW	.9	1.9	3.0	2.8	.6	.2	.0	.7				9.4	9.6
WSW	.7	1.4	2.3	2.1	.4	.1	.0	.0				7.1	9.4
W	1.7	1.8	2.4	1.8	.3	.1	.0	.0	.0			7.4	8.6
WNW	.7	1.1	1.2	.7	.1	.0						3.9	7.5
NW	.6	1.7	1.2	.6	.1	.0	.0					3.6	7.5
NNW	.7	.9	.9	.4	.0	.0						3.0	6.8
VARBL	.7	.0	2.1	1.3	.3	.1	.0	.0				3.9	11.1
CALM												11.7	
	13.6	21.8	28.6	20.0	3.5	.8	.1	.0	.0			120.0	7.3

TOTAL NUMBER OF OBSERVATIONS 87233

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 18831 LAKENHEATH RAF UK YEARS 77-87 ALL
STATION NAME ALL
INSTRUMENT ALL
CLASS HOURLY (L E T)
CONDITION CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.4	3.7	1.2	.1	.7	.7					2.6	6.9
NNE	1.2	1.5	1.9	1.1	.1	.1						5.9	7.5
NE	.9	1.4	1.5	.9	.1	.7						4.9	7.3
ENE	.6	.9	1.4	.8	.1							3.8	7.8
E	1.7	2.1	2.7	1.4	.1	.7						6.6	7.5
ESE	.7	1.9	1.6	.7	.1	.7	.7					5.1	6.9
SE	1.1	1.5	1.4	.6	.1	.7	.7					4.7	6.9
SSE	1.4	1.6	1.4	.8	.1	.7						5.3	6.6
S	1.3	1.9	1.6	1.5	.4	.7						6.7	8.0
SSW	1.0	1.4	1.4	1.5	.7							5.5	8.0
SW	.9	1.4	1.3	.8	.1	.7						4.5	7.1
WSW	.8	1.1	1.7	.3	.7							3.3	6.4
W	1.1	1.4	1.3	.2	.7	.7						4.1	5.7
WNW	.9	1.1	1.2	.6	.1	.7						3.8	6.9
NW	.6	1.1	1.3	1.0	.1							4.1	8.0
NNW	.9	1.2	1.2	.5	.7	.7						3.9	6.6
VARBL	.7	.7	1.7	.7	.1	.7						1.9	11.1
CALM												17.3	
	16.7	24.7	25.4	14.5	1.8	.3	.7					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 12873

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP W/FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74031 LAKENHEATH RAF UK

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-7200

CEILING FEET	VISIBILITY STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	21.2	25.3	26.6	28.8	29.7	29.9	31.2	32.5	32.6	33.4	33.6	33.8	34.1	34.3	34.6	35.0
≥ 20000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 18000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 16000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 14000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 12000	23.0	28.2	29.8	32.4	33.3	33.5	34.8	36.2	36.3	37.0	37.2	37.5	37.8	38.0	38.2	38.6
≥ 10000	23.1	28.6	30.2	33.0	33.9	34.1	35.6	37.0	37.1	37.9	38.1	38.3	38.6	38.9	39.1	39.5
≥ 9000	23.7	29.2	30.8	33.6	34.4	34.7	36.2	37.6	37.7	38.4	38.6	38.9	39.2	39.4	39.6	40.4
≥ 8000	25.4	31.1	32.8	35.7	36.7	36.9	38.4	39.8	39.9	40.7	40.9	41.1	41.4	41.7	41.9	42.6
≥ 7000	27.0	32.7	34.6	37.6	38.5	38.8	40.3	41.7	41.8	42.5	42.7	42.9	43.3	43.5	43.7	44.5
≥ 6000	27.3	33.0	35.0	38.0	39.0	39.2	40.7	42.1	42.2	42.9	43.2	43.4	43.7	43.9	44.1	44.9
≥ 5000	28.5	34.6	36.6	39.7	40.7	40.9	42.4	43.8	43.9	44.7	44.9	45.1	45.4	45.6	45.9	46.6
≥ 4500	31.0	37.9	40.9	44.9	46.0	46.2	48.1	49.5	49.6	50.6	50.8	51.0	51.3	51.6	51.8	52.5
≥ 4000	35.1	42.9	46.3	51.6	52.0	53.2	55.4	56.8	56.9	57.9	58.1	58.3	58.7	58.9	59.1	59.8
≥ 3500	37.2	45.4	48.9	54.6	55.9	56.2	58.9	60.4	60.5	61.6	61.8	62.0	62.3	62.5	62.8	63.5
≥ 3000	41.7	50.2	53.6	59.5	60.8	61.4	64.3	65.9	66.0	67.2	67.4	67.6	67.9	68.1	68.4	69.1
≥ 2500	43.6	52.7	56.6	62.5	64.0	64.6	67.6	69.3	69.4	70.6	70.8	71.0	71.4	71.6	71.8	72.6
≥ 2000	47.3	57.8	61.8	68.7	70.7	71.3	74.3	76.3	76.4	77.6	77.8	78.0	78.4	78.6	78.8	79.5
≥ 1800	48.0	58.9	63.0	70.0	72.0	72.6	75.6	77.8	77.9	79.1	79.3	79.5	79.9	80.1	80.3	81.1
≥ 1500	50.1	61.5	65.8	73.5	75.6	76.2	79.4	81.7	82.0	83.2	83.4	83.6	84.0	84.2	84.4	85.1
≥ 1200	51.7	64.0	69.0	77.3	79.4	80.1	83.5	85.8	86.1	87.4	87.6	87.8	88.2	88.4	88.6	89.3
≥ 1000	52.2	64.6	70.3	78.6	81.2	81.8	85.5	88.1	88.4	89.7	89.9	90.1	90.4	90.6	90.9	91.6
≥ 900	52.2	64.6	70.6	78.9	81.5	82.1	85.8	88.4	88.7	90.0	90.2	90.4	90.7	91.0	91.2	91.9
≥ 800	52.5	65.2	71.5	80.3	83.0	83.6	87.3	89.9	90.2	91.5	91.7	91.9	92.2	92.5	92.7	93.4
≥ 700	52.7	65.6	72.0	81.2	83.9	84.5	88.4	91.0	91.3	92.6	92.8	93.0	93.3	93.5	93.8	94.5
≥ 600	52.7	65.6	72.0	81.4	84.3	84.9	88.9	91.5	91.8	93.1	93.4	93.6	94.0	94.2	94.4	95.2
≥ 500	53.0	65.8	72.2	81.9	84.8	85.5	89.6	92.2	92.6	93.9	94.2	94.4	94.7	94.9	95.2	96.0
≥ 400	53.0	65.8	72.3	82.1	85.3	85.9	90.1	92.8	93.2	94.5	94.8	95.2	95.5	95.8	96.0	96.9
≥ 300	53.0	65.8	72.3	82.2	85.5	86.1	90.4	93.2	93.6	94.9	95.3	95.6	95.9	96.6	96.8	97.6
≥ 200	53.0	65.8	72.3	82.2	85.5	86.1	90.5	93.4	93.9	95.4	95.8	96.1	96.6	97.5	98.5	99.4
≥ 100	53.0	65.8	72.3	82.2	85.5	86.1	90.5	93.4	93.9	95.4	95.9	96.2	96.7	97.6	98.6	99.7
≥ 0	53.0	65.8	72.3	82.2	85.5	86.1	90.5	93.4	93.9	95.4	95.9	96.2	96.7	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

07831 LAKENHEATH RAF UK

74-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

330-2570

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05
NO CEILING ≥ 20000	27.0	26.2	27.3	29.5	30.4	30.5	31.1	31.5	32.2	32.8	32.9	32.9	32.9	32.9	32.9	32.9	27.0	26.2	27.3	29.5	30.4	30.5	31.1	31.5	32.2	32.8	32.9	32.9	32.9	32.9	32.9	32.9
≥ 18000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5
≥ 16000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5
≥ 12000	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5	25.3	28.8	30.2	32.9	33.8	33.9	34.6	35.1	35.7	36.4	36.5	36.5	36.5	36.5	36.5	36.5
≥ 10000	25.8	30.0	31.6	34.8	35.7	35.8	36.5	37.0	37.7	38.3	38.4	38.4	38.4	38.4	38.4	38.4	25.8	30.0	31.6	34.8	35.7	35.8	36.5	37.0	37.7	38.3	38.4	38.4	38.4	38.4	38.4	38.4
≥ 9000	26.3	30.5	32.1	35.2	36.2	36.3	36.9	37.5	38.1	38.8	38.9	38.9	38.9	38.9	38.9	38.9	26.3	30.5	32.1	35.2	36.2	36.3	36.9	37.5	38.1	38.8	38.9	38.9	38.9	38.9	38.9	38.9
≥ 8000	28.7	32.5	34.3	38.1	39.2	39.4	40.2	40.7	41.3	42.0	42.1	42.1	42.1	42.1	42.1	42.1	28.7	32.5	34.3	38.1	39.2	39.4	40.2	40.7	41.3	42.0	42.1	42.1	42.1	42.1	42.1	42.1
≥ 7000	28.4	32.9	34.8	38.5	39.6	39.8	40.6	41.1	41.8	42.4	42.5	42.5	42.5	42.5	42.5	42.5	28.4	32.9	34.8	38.5	39.6	39.8	40.6	41.1	41.8	42.4	42.5	42.5	42.5	42.5	42.5	42.5
≥ 6000	29.5	33.0	35.0	38.8	39.8	40.0	40.8	41.3	42.0	42.6	42.7	42.7	42.7	42.7	42.7	42.7	29.5	33.0	35.0	38.8	39.8	40.0	40.8	41.3	42.0	42.6	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	29.7	35.0	36.9	40.7	41.8	42.0	42.7	43.3	43.9	44.6	44.7	44.7	44.7	44.7	44.7	44.7	29.7	35.0	36.9	40.7	41.8	42.0	42.7	43.3	43.9	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	32.2	38.9	41.3	45.7	46.8	47.0	48.0	48.5	49.2	49.8	49.9	49.9	49.9	49.9	49.9	49.9	32.2	38.9	41.3	45.7	46.8	47.0	48.0	48.5	49.2	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 4000	36.4	43.4	46.2	52.1	53.3	53.7	55.0	55.9	56.5	57.3	57.4	57.4	57.4	57.4	57.4	57.4	36.4	43.4	46.2	52.1	53.3	53.7	55.0	55.9	56.5	57.3	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3500	38.1	45.7	48.5	54.5	55.8	56.2	57.7	58.7	59.4	60.2	60.3	60.3	60.3	60.3	60.3	60.3	38.1	45.7	48.5	54.5	55.8	56.2	57.7	58.7	59.4	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 3000	42.7	50.7	53.6	59.5	60.8	61.2	62.9	63.9	64.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	42.7	50.7	53.6	59.5	60.8	61.2	62.9	63.9	64.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 2500	43.9	52.1	55.2	61.4	62.8	63.2	64.8	65.9	66.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	43.9	52.1	55.2	61.4	62.8	63.2	64.8	65.9	66.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2000	48.5	56.2	62.7	69.1	71.4	71.8	73.6	74.7	75.5	76.7	76.9	77.0	77.0	77.0	77.0	77.0	48.5	56.2	62.7	69.1	71.4	71.8	73.6	74.7	75.5	76.7	76.9	77.0	77.0	77.0	77.0	77.0
≥ 1800	49.2	59.1	62.9	70.2	72.4	72.9	74.7	75.8	76.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0	49.2	59.1	62.9	70.2	72.4	72.9	74.7	75.8	76.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0
≥ 1500	51.8	62.6	66.4	74.3	76.5	77.0	78.8	80.0	80.8	82.1	82.2	82.3	82.3	82.3	82.3	82.3	51.8	62.6	66.4	74.3	76.5	77.0	78.8	80.0	80.8	82.1	82.2	82.3	82.3	82.3	82.3	82.3
≥ 1200	53.9	65.8	71.4	78.5	80.7	81.3	83.4	84.6	85.5	87.1	87.2	87.3	87.4	87.4	87.4	87.4	53.9	65.8	71.4	78.5	80.7	81.3	83.4	84.6	85.5	87.1	87.2	87.3	87.4	87.4	87.4	87.4
≥ 1000	54.5	66.3	71.3	79.7	81.9	82.5	84.7	85.9	86.8	88.4	88.5	88.6	88.7	88.7	88.7	88.7	54.5	66.3	71.3	79.7	81.9	82.5	84.7	85.9	86.8	88.4	88.5	88.6	88.7	88.7	88.7	88.7
≥ 900	54.6	66.4	71.4	79.9	82.1	82.7	85.0	86.3	87.2	88.8	88.9	89.0	89.1	89.1	89.1	89.1	54.6	66.4	71.4	79.9	82.1	82.7	85.0	86.3	87.2	88.8	88.9	89.0	89.1	89.1	89.1	89.1
≥ 800	54.6	66.4	71.4	79.9	82.6	83.1	85.5	87.0	87.8	89.5	89.6	89.7	89.8	89.8	89.8	89.8	54.6	66.4	71.4	79.9	82.6	83.1	85.5	87.0	87.8	89.5	89.6	89.7	89.8	89.8	89.8	89.8
≥ 700	54.8	66.8	72.3	80.8	83.5	84.1	86.4	87.9	88.8	90.4	90.5	90.6	90.7	90.7	90.7	90.7	54.8	66.8	72.3	80.8	83.5	84.1	86.4	87.9	88.8	90.4	90.5	90.6	90.7	90.7	90.7	90.7
≥ 600	55.1	67.3	73.1	81.6	84.5	85.1	87.6	89.1	90.0	91.6	91.7	91.8	91.9	91.9	91.9	91.9	55.1	67.3	73.1	81.6	84.5	85.1	87.6	89.1	90.0	91.6	91.7	91.8	91.9	91.9	91.9	91.9
≥ 500	55.2	67.4	73.2	82.3	85.4	86.0	88.5	90.1	91.0	92.7	92.8	92.9	93.0	93.0	93.0	93.0	55.2	67.4	73.2	82.3	85.4	86.0	88.5	90.1	91.0	92.7	92.8	92.9	93.0	93.0	93.0	93.0
≥ 400	55.2	67.4	73.4	82.8	86.2	86.9	89.5	91.5	92.5	94.2	94.3	94.4	94.6	94.6	94.6	94.6	55.2	67.4	73.4	82.8	86.2	86.9	89.5	91.5	92.5	94.2	94.3	94.4	94.6	94.6	94.6	94.6
≥ 300	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2
≥ 200	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2
≥ 100	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2
≥ 0	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2	55.2	67.4	73.4	82.8	86.2	86.9	89.5	92.2	93.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 7-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075331
STATION

LAKENHEATH RAF UK
STATION NAME

74-87
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

660-0800
COUNT

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10 GE 10	≥ 6 GE 6	≥ 3 GE 3	≥ 2 GE 2	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1	≥ 1 GE 1
NO CEILING ≥ 20000	18.9	22.0	24.4	26.5	27.2	27.5	28.2	28.8	28.8	29.4	29.7	29.7	29.7	29.7	29.7	30.1
≥ 18000	27.6	24.5	27.3	29.7	37.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 16000	20.6	24.5	27.3	29.7	37.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 14000	20.6	24.5	27.3	29.7	37.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 12000	20.6	24.5	27.3	29.7	37.4	30.7	31.5	32.0	32.0	32.7	33.0	33.0	33.0	33.1	33.1	33.4
≥ 10000	21.3	26.1	28.9	31.7	32.4	32.8	33.5	34.1	34.1	34.7	35.0	35.0	35.0	35.1	35.1	35.5
≥ 9000	21.9	26.8	29.6	32.5	33.3	33.6	34.5	35.0	35.0	35.7	36.0	36.0	36.0	36.1	36.1	36.4
≥ 8000	24.2	29.6	32.8	35.9	36.7	37.2	38.7	38.6	38.6	39.2	39.5	39.5	39.5	39.7	39.7	40.0
≥ 7000	24.7	30.2	33.3	36.4	37.3	37.7	38.6	39.1	39.1	39.8	40.1	40.1	40.1	40.2	40.2	40.5
≥ 6000	24.7	30.3	33.5	36.6	37.5	37.9	38.8	39.3	39.3	40.0	40.3	40.3	40.3	40.4	40.4	40.7
≥ 5000	25.9	32.2	35.5	38.6	39.4	40.0	40.9	41.4	41.4	42.0	42.3	42.3	42.3	42.5	42.5	42.8
≥ 4500	29.7	36.2	39.7	43.4	44.4	45.7	46.4	47.0	47.7	47.7	48.1	48.2	48.2	48.3	48.3	48.6
≥ 4000	32.3	40.1	44.0	48.5	49.6	50.2	51.9	52.8	52.8	53.7	54.7	54.7	54.7	54.7	54.7	54.5
≥ 3500	35.0	43.1	47.0	51.5	52.6	53.2	55.0	56.3	56.5	57.3	57.7	57.8	57.8	57.9	57.9	58.2
≥ 3000	47.2	48.4	52.8	57.4	58.5	59.2	61.1	62.4	62.6	63.6	63.9	64.0	64.0	64.1	64.1	64.4
≥ 2500	42.3	51.3	56.0	61.4	62.7	63.4	65.3	66.7	66.9	67.9	68.2	68.3	68.3	68.4	68.4	68.8
≥ 2000	47.0	57.3	62.4	68.1	69.6	70.3	72.4	74.1	74.5	75.5	75.9	76.1	76.1	76.3	76.3	76.6
≥ 1800	47.7	58.2	63.3	69.3	71.9	71.6	73.7	75.4	75.8	76.9	77.3	77.5	77.5	77.7	77.7	78.0
≥ 1500	50.3	61.6	66.9	73.5	75.2	75.9	78.7	80.0	80.3	81.5	81.8	82.0	82.0	82.2	82.2	82.5
≥ 1200	51.3	63.3	69.3	76.2	78.0	78.7	80.8	83.0	83.3	84.5	84.8	85.0	85.0	85.2	85.2	85.6
≥ 1000	51.7	63.8	77.3	77.4	79.3	80.0	82.4	84.7	85.0	86.2	86.5	86.7	86.7	87.0	87.1	87.4
≥ 900	51.8	63.9	77.8	78.0	80.1	80.8	83.3	85.6	85.9	87.1	87.4	87.6	87.6	87.8	87.9	88.3
≥ 800	52.3	64.3	71.3	79.0	81.5	82.2	85.0	87.3	87.7	88.9	89.2	89.4	89.4	89.7	89.8	90.1
≥ 700	52.3	64.7	71.7	79.4	82.1	82.9	86.0	88.3	88.8	90.0	90.3	90.5	90.5	90.7	90.8	91.2
≥ 600	52.3	65.2	72.3	80.6	83.3	84.3	87.4	89.7	90.2	91.5	91.8	92.0	92.0	92.2	92.3	92.7
≥ 500	52.4	65.3	72.5	81.0	83.9	85.0	88.4	90.6	91.2	92.5	92.8	93.0	93.0	93.2	93.3	93.9
≥ 400	52.4	65.3	72.5	81.1	84.1	85.1	88.5	90.9	91.7	93.0	93.3	93.5	93.5	93.8	93.9	94.4
≥ 300	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.0	92.8	94.6	94.9	95.2	95.2	95.4	95.6	96.1
≥ 200	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.1	92.9	95.0	95.5	95.7	95.7	97.7	97.6	98.4
≥ 100	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.1	92.9	95.2	95.8	96.1	96.1	97.5	98.3	99.7
≥ 0	52.4	65.3	72.6	81.3	84.4	85.5	89.1	92.1	92.9	95.2	95.8	96.1	96.1	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

REF 31 LAKENHEATH RAF UK

74-83

JAS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-1100

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10 GT9	≥6 EQ9	≥3 GE8	≥2 GE6	≥1 GE4	≥1 GE3	≥1 GE2	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1	≥1 GE1
NO. CEILING	15.3	18.2	22.7	22.2	23.7	23.9	24.4	24.9	24.9	25.0	25.2	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 20000	19.2	22.8	25.7	27.8	29.4	29.7	31.2	31.0	31.7	31.1	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	18.6	23.1	25.4	28.2	29.8	30.0	31.5	31.3	31.3	31.4	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 16000	18.6	23.1	25.4	28.2	29.8	30.0	31.5	31.3	31.3	31.4	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000	18.6	23.1	25.4	28.2	29.8	30.0	31.5	31.3	31.3	31.4	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 12000	19.9	23.4	25.7	28.5	30.1	30.3	31.9	31.6	31.6	31.7	32.0	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 10000	21.7	25.6	28.4	31.3	32.9	33.1	33.7	34.4	34.4	34.5	34.8	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 9000	21.9	27.2	31.7	33.0	34.6	34.8	35.4	36.2	36.2	36.4	36.7	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 8000	21.3	30.1	33.2	36.6	39.2	38.4	39.9	39.8	39.8	40.0	40.3	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 7000	24.2	31.2	34.3	37.8	39.4	39.7	40.2	41.1	41.1	41.3	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 6000	24.6	31.8	35.7	38.4	41.0	40.3	40.7	41.7	41.7	42.0	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 5000	24.9	32.8	35.9	39.4	41.0	41.3	42.7	42.8	42.8	43.7	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 4500	26.6	35.2	38.8	43.6	45.7	46.1	46.8	47.7	47.7	48.7	48.7	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 4000	37.9	40.1	44.2	49.6	52.3	52.6	53.9	55.0	55.1	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500	34.4	43.9	48.3	53.8	56.5	56.9	59.7	59.4	59.7	60.1	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 3000	37.3	47.5	52.2	57.9	61.4	61.8	63.7	64.8	65.3	65.9	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	39.4	49.9	54.9	61.1	64.9	65.4	66.6	68.4	68.8	69.5	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 2000	42.5	53.8	59.3	66.3	71.3	72.8	72.2	74.1	74.8	75.5	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800	43.6	55.0	60.6	67.9	72.1	72.5	73.9	75.9	76.6	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500	44.9	56.5	62.2	70.0	74.3	74.9	76.4	78.7	79.6	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	46.4	58.6	64.6	72.7	77.2	77.8	79.6	82.2	83.2	83.9	84.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	46.8	59.3	65.7	73.9	78.5	79.1	81.1	83.9	84.9	85.9	86.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900	46.9	59.4	65.8	74.2	79.1	79.7	82.7	84.8	85.8	86.7	87.4	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	47.1	59.8	66.2	74.9	79.7	80.4	83.3	85.9	86.8	87.8	88.5	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	47.5	60.3	66.9	75.9	81.8	81.4	84.3	87.3	88.5	89.5	90.2	90.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	47.6	60.5	67.2	76.6	81.7	82.4	85.5	88.6	89.9	90.9	91.6	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	47.7	60.6	67.3	77.0	82.6	83.4	86.5	89.9	91.2	92.3	93.1	93.4	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	47.7	60.6	67.3	77.1	82.8	83.6	86.8	90.5	92.3	93.6	94.4	94.7	94.9	95.0	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	47.7	60.6	67.3	77.1	83.0	83.7	87.7	90.8	92.9	94.5	95.5	96.0	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.7	96.1	96.7	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.7	96.1	96.7	97.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	47.7	60.6	67.3	77.1	83.0	83.7	87.2	90.8	92.9	94.7	96.1	96.7	97.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES																OP (HUNDREDS OF METERS)			
	GE90	GE90	GE80	GE60	GE40	GE20	GE10	GE5	GE2	GE1	GE0.5	GE0.25	GE0.125	GE0.0625	GE0.03125	GE0.015625	GE0.0078125	GE0.00390625	GE0.001953125	GE0.0009765625
10000	16.8	20.5	21.0	23.9	24.3	24.3	24.5	24.8	24.8	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
9000	27.6	25.0	26.4	29.2	29.6	29.6	29.8	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
8000	27.9	25.4	26.8	29.6	30.0	30.0	30.2	30.5	30.5	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
7000	21.0	25.5	26.9	29.7	30.1	30.1	30.4	30.6	30.6	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
6000	21.2	25.7	27.1	29.9	30.4	30.4	30.6	30.8	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
5000	23.5	28.2	29.6	32.4	32.8	32.8	33.2	33.4	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
4000	24.0	29.4	30.9	33.8	34.2	34.2	34.6	34.8	34.8	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
3000	25.9	32.0	33.9	37.1	37.6	37.6	38.0	38.2	38.2	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
2000	26.3	32.6	34.6	38.0	38.4	38.4	38.9	39.1	39.1	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
1000	26.4	32.8	34.8	38.2	38.6	38.6	39.1	39.3	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
500	28.7	35.1	37.2	40.7	41.1	41.1	41.6	41.8	41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
200	32.2	39.9	42.7	46.5	47.3	47.3	47.9	48.2	48.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
100	36.3	45.1	48.3	53.0	54.4	54.4	55.1	55.4	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
50	47.3	49.3	52.6	57.4	58.8	58.8	59.8	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
25	43.4	53.1	56.7	62.5	64.0	64.0	65.4	66.0	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
10	45.4	55.8	59.6	65.6	67.1	67.1	68.5	69.0	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
5	40.2	61.4	66.3	73.0	74.7	74.7	76.5	77.2	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2	49.7	61.9	66.4	73.6	75.3	75.3	77.3	78.1	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1	50.7	63.2	68.5	75.9	77.7	77.7	79.9	80.8	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
0.5	52.1	65.0	70.5	78.7	80.7	80.7	83.1	84.3	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
0.25	52.6	66.0	71.7	81.1	82.7	82.7	85.4	86.9	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
0.125	52.6	66.1	71.8	81.3	83.1	83.1	85.8	87.4	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
0.0625	52.9	66.8	72.6	81.3	84.3	84.3	85.0	87.3	89.0	89.5	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.03125	53.1	67.3	73.0	82.0	85.4	85.4	88.7	90.6	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
0.015625	53.1	67.4	73.1	82.8	86.1	86.1	89.5	91.9	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
0.0078125	53.1	67.4	73.1	83.1	86.5	86.5	87.3	91.1	93.3	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
0.00390625	53.2	67.5	73.2	83.2	86.7	86.7	87.4	90.2	93.4	94.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
0.001953125	53.2	67.5	73.2	83.2	86.7	86.7	87.4	90.2	93.4	94.9	96.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0.0009765625	53.2	67.5	73.2	83.2	86.7	86.7	87.4	90.2	93.4	94.9	96.4	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
0.00048828125	53.2	67.5	73.2	83.2	86.7	86.7	87.4	90.2	93.4	94.9	96.4	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-1700

VISIBILITY (STATUTE MILES)	CEILING (HUNDREDS OF METERS)															
	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400
15	15.6	19.1	21.2	23.2	27.5	33.7	24.3	24.5	24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.8
14	19.2	23.9	26.5	29.7	29.5	29.6	37.7	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
13	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
12	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
11	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
10	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
9	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
8	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
7	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
6	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
5	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
4	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
3	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
2	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
1	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
0	19.4	24.1	26.7	29.5	29.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 274931 LAKEHURST AFB TX

74-97

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE10	GE20	GE30	GE40	GE50	GE60	GE70	GE80	GE90	GE100	GE110	GE120	GE130	GE140	GE150	GE160
20000	17.7	23.0	24.6	26.7	29.1	28.2	29.9	29.7	29.9	30.2	30.2	30.3	30.3	30.4	30.4	30.4
18000	27.0	26.3	27.4	30.3	31.8	31.9	33.7	33.8	34.7	34.3	34.3	34.4	34.4	34.4	34.4	34.6
16000	27.3	26.3	27.7	30.8	32.3	32.4	33.4	34.2	34.4	34.8	34.8	34.9	34.9	34.9	34.9	35.2
14000	27.3	26.3	27.7	31.8	32.3	32.4	33.4	34.2	34.4	34.8	34.8	34.9	34.9	34.9	34.9	35.2
12000	27.4	26.5	27.8	30.9	32.4	32.5	33.5	34.3	34.5	34.6	34.9	35.1	35.1	35.1	35.1	35.3
10000	27.4	26.6	28.7	31.0	32.5	32.6	33.7	34.4	34.6	35.1	35.1	35.2	35.2	35.2	35.2	35.4
8000	21.1	27.4	28.8	31.8	33.3	33.4	34.5	35.3	35.5	35.9	35.9	36.0	36.0	36.0	36.0	36.2
6000	21.6	28.3	29.8	33.3	34.8	34.9	35.7	37.7	37.2	37.6	37.6	37.7	37.7	37.7	37.7	38.1
4000	23.7	30.9	32.4	35.9	37.4	37.5	38.8	39.9	40.1	40.5	40.5	40.6	40.6	40.6	40.8	41.7
2000	24.1	31.6	33.1	36.9	38.4	38.5	39.8	40.9	41.1	41.5	41.5	41.6	41.6	41.6	41.7	41.9
1000	24.2	31.7	33.2	37.0	38.5	38.6	39.9	41.0	41.2	41.6	41.6	41.7	41.7	41.7	41.9	42.2
500	25.5	33.8	35.4	39.5	41.0	41.1	42.4	43.4	43.7	44.1	44.1	44.2	44.2	44.2	44.3	44.5
400	29.6	39.0	40.7	45.7	47.4	47.5	48.8	49.9	50.6	51.0	51.0	51.1	51.1	51.1	51.2	51.4
300	33.2	42.9	44.7	50.5	52.5	52.7	54.1	55.4	56.1	56.6	56.6	56.7	56.7	56.7	56.8	57.3
200	35.6	46.1	48.1	54.2	55.5	56.7	58.1	59.4	60.1	60.5	60.5	60.6	60.6	60.6	60.8	61.7
100	40.8	51.9	54.1	61.1	63.4	63.7	65.3	66.7	67.4	67.8	68.1	68.2	68.2	68.2	68.3	68.5
50	43.3	55.8	58.8	66.3	68.7	68.9	71.5	71.9	72.7	73.1	73.3	73.4	73.4	73.4	73.5	73.8
20	47.4	60.5	63.8	72.3	75.4	75.6	77.8	79.0	79.8	80.2	80.4	80.5	80.5	80.5	80.6	80.9
10	47.7	61.2	64.8	73.4	76.6	76.8	79.7	80.3	81.1	81.5	81.7	81.8	81.8	81.8	81.9	82.2
5	48.7	63.5	67.7	77.0	80.2	80.5	82.5	84.2	84.9	85.4	85.6	85.7	85.7	85.7	85.8	86.0
2	49.1	64.6	69.1	79.1	82.5	82.9	85.4	87.2	88.6	88.4	88.6	88.7	88.7	88.7	88.8	89.7
1	49.2	64.8	69.4	80.2	83.7	84.1	86.6	88.4	89.1	89.6	89.9	89.9	89.9	89.9	90.0	90.2
0	49.5	65.2	70.0	81.1	84.5	84.9	87.4	89.2	90.0	90.4	90.6	90.8	90.8	90.8	90.9	91.1
0	50.3	66.0	70.9	82.5	86.0	86.5	88.9	90.8	91.6	92.2	92.4	92.5	92.5	92.5	92.6	92.8
0	50.4	66.1	71.0	83.1	86.7	87.1	89.8	91.6	92.7	93.2	93.4	93.5	93.5	93.7	93.8	94.0
0	50.5	66.2	71.1	83.5	87.6	88.1	90.9	93.0	94.2	94.7	95.1	95.3	95.3	95.4	95.5	95.7
0	50.5	66.2	71.3	83.9	88.2	88.6	91.8	94.2	95.5	96.1	96.5	96.8	96.8	96.9	97.0	97.2
0	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.5	95.9	96.7	97.1	97.5	97.5	97.6	97.7	98.0
0	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.1	97.2	97.6	98.1	98.1	98.4	98.5	99.0
0	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.2	97.3	97.7	98.3	98.3	98.6	98.8	99.5
0	50.5	66.2	71.3	83.9	88.2	88.6	91.9	94.7	96.2	97.3	97.7	98.3	98.3	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK

74-87

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1962-1963

CEILING FEET	VISIBILITY STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000	27.8	26.9	27.5	29.5	32.4	30.9	32.6	33.5	33.2	34.2	34.2	34.5	34.7	34.8	35.1	35.7
900	22.3	22.5	31.4	32.6	33.8	34.2	36.1	37.1	37.3	37.7	37.7	39.1	39.3	39.4	39.6	39.8
800	22.6	22.8	30.8	32.9	34.1	34.5	36.5	37.4	37.6	38.1	38.1	39.4	39.5	39.7	39.9	39.1
700	22.6	29.8	30.3	32.9	34.1	34.5	36.5	37.4	37.6	38.1	38.1	39.4	39.5	39.7	39.9	39.1
600	22.7	29.9	31.2	33.0	34.2	34.6	36.6	37.5	37.7	38.2	38.2	39.5	39.6	39.8	39.9	39.1
500	22.7	29.9	30.9	33.1	34.2	34.6	36.6	37.5	37.7	38.2	38.2	39.5	39.6	39.8	39.9	39.1
400	22.8	30.4	31.6	33.7	34.8	35.3	37.2	38.1	38.5	38.9	38.9	39.2	39.5	39.6	39.8	40.0
300	23.2	31.0	32.0	34.2	35.4	35.8	37.7	38.8	39.0	39.5	39.5	39.8	40.0	40.1	40.2	40.9
200	25.9	34.5	35.0	38.0	39.4	39.9	41.7	42.8	43.0	43.4	43.4	43.8	44.0	44.1	44.3	44.8
100	26.8	35.7	37.0	39.4	40.0	41.3	43.2	44.3	44.5	44.9	44.9	45.3	45.5	45.6	45.8	46.3
0	26.9	35.9	37.2	39.6	41.1	41.5	43.4	44.5	44.7	45.2	45.2	45.5	45.7	45.8	46.0	46.6
1000	27.6	36.9	38.3	41.0	42.5	42.9	44.8	46.0	46.2	46.7	46.7	47.0	47.2	47.3	47.5	48.1
900	30.9	41.0	42.5	46.0	47.7	48.2	50.0	51.4	51.8	52.3	52.7	52.6	52.8	52.9	53.2	53.8
800	34.3	44.6	46.0	51.5	52.6	53.1	55.0	56.6	57.0	57.4	57.4	57.7	58.0	58.1	58.4	58.9
700	37.2	48.2	49.8	54.6	56.7	57.2	59.4	60.6	61.0	61.6	61.6	61.9	62.3	62.4	62.7	63.0
600	42.8	54.3	55.9	61.1	63.3	64.0	66.3	67.6	68.0	68.7	68.7	69.1	69.5	69.6	69.9	70.4
500	44.5	57.2	59.0	65.4	67.7	68.4	70.8	72.0	72.6	73.1	73.1	73.5	74.0	74.2	74.5	75.1
400	46.7	60.0	61.3	69.6	72.0	72.8	75.2	76.5	77.0	77.5	77.5	78.0	78.4	78.6	78.9	79.5
300	47.5	61.1	63.0	71.1	73.7	74.4	76.9	78.1	78.6	79.1	79.1	79.6	80.0	80.2	80.5	81.1
200	49.5	63.8	67.1	75.5	78.2	78.9	81.4	82.8	83.3	84.0	84.0	84.4	84.9	85.1	85.4	85.9
100	50.5	65.3	69.4	78.6	81.6	82.4	85.2	86.9	87.4	88.1	88.1	88.5	88.9	89.1	89.5	90.0
0	50.6	65.5	69.7	79.5	82.6	83.3	86.2	88.3	88.8	89.5	89.5	89.9	90.3	90.5	90.9	91.4
1000	51.3	66.6	70.9	80.8	83.9	84.6	87.6	89.6	90.1	90.8	90.8	91.2	91.6	91.8	92.2	92.7
900	51.4	66.7	71.2	81.6	84.7	85.5	88.5	90.4	91.0	91.6	91.6	92.0	92.5	92.7	93.0	93.5
800	51.5	66.8	71.4	82.2	85.5	86.3	89.5	91.5	92.0	92.7	92.7	93.1	93.5	93.8	94.1	94.6
700	51.5	66.8	71.4	82.3	85.8	86.7	90.0	92.2	92.7	93.3	93.3	93.8	94.2	94.4	94.7	95.3
600	51.5	66.8	71.5	82.4	86.0	86.9	90.3	92.7	93.2	93.9	93.9	94.3	94.7	94.9	95.3	95.8
500	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0
400	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0
300	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0
200	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0
100	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0
0	51.5	66.8	71.6	82.5	86.1	87.0	90.6	93.2	94.2	94.9	95.1	95.5	95.9	96.1	96.5	97.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

REPORT: LAKENHEATH RAF UK
STATION NAME

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

		VISIBILITY (STATUTE MILES)										CEILING (HUNDREDS OF METERS)									
		ST90	FC90	GE90	CE40	GE40	CE40	GE30	CE30	GE20	CE20	GE10	CE10	GE10	CE10	GE10	CE10	GE10	CE10	GE10	CE10
100	100	19.5	22.7	24.1	26.3	27.7	27.7	28.2	28.8	29.9	29.3	29.5	29.6	29.6	29.7	29.8	29.8	29.8	29.8	29.8	29.8
90	90	21.1	24.3	27.8	31.5	31.4	31.6	32.5	33.2	33.7	33.7	33.9	34.0	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2
80	80	21.3	26.3	29.1	31.7	31.7	31.9	32.9	33.4	33.6	34.1	34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5
70	70	21.3	26.3	28.1	30.7	31.7	31.9	32.9	33.4	33.6	34.1	34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5
60	60	21.4	26.7	29.1	30.8	31.7	31.9	32.9	33.5	33.7	34.1	34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5
50	50	21.5	26.5	29.3	31.9	31.9	32.1	33.7	33.6	33.8	34.2	34.4	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
40	40	22.4	27.9	29.8	32.6	33.5	33.7	34.7	35.4	35.5	36.0	36.1	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4
30	30	23.7	25.7	30.7	33.7	34.6	34.8	35.9	36.5	36.7	37.1	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
20	20	25.1	31.4	33.4	36.9	37.9	38.1	39.2	39.9	40.1	40.5	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
10	10	25.8	32.3	34.5	37.8	38.9	39.1	40.2	40.9	41.1	41.5	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
0	0	25.9	32.5	34.9	38.2	39.2	39.5	40.5	41.2	41.4	41.9	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3
100	90	27.7	34.2	36.6	41.1	41.1	41.4	42.4	43.2	43.3	43.5	43.9	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3
90	90	30.0	35.2	41.1	45.2	46.5	46.8	48.7	49.8	49.9	49.5	49.7	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
80	80	33.7	42.7	45.7	52.9	52.5	52.8	54.7	55.3	55.6	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
70	70	36.5	45.8	49.7	54.4	56.0	56.4	58.7	59.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
60	60	41.2	51.1	54.4	61.2	61.0	62.5	64.2	65.4	65.8	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
50	50	43.3	53.8	57.5	63.8	65.8	66.3	68.7	69.3	69.6	70.3	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
40	40	47.1	58.7	62.9	71.1	72.4	72.9	74.9	76.3	76.8	77.5	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
30	30	47.7	59.6	63.0	71.3	73.7	74.2	76.2	77.7	78.2	78.9	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
20	20	49.3	61.9	66.6	74.7	77.2	77.7	79.8	81.5	82.0	82.8	83.1	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5
10	10	51.5	63.8	68.0	77.7	81.7	81.9	83.3	85.0	85.6	86.5	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
0	0	51.7	64.6	71.1	79.3	83.2	82.9	85.5	87.4	88.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
100	90	51.3	64.9	71.6	80.2	83.2	83.9	86.7	88.7	89.3	91.3	91.6	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
90	90	51.4	65.2	71.1	81.0	84.2	84.8	87.8	89.9	90.6	91.7	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
80	80	51.5	65.4	71.4	81.6	85.0	85.8	88.8	91.1	91.6	92.9	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
70	70	51.6	65.5	71.5	82.1	85.6	86.3	89.5	92.0	92.0	94.0	94.3	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1
60	60	51.6	65.5	71.6	82.1	85.8	86.6	89.9	92.6	93.6	94.9	95.7	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2
50	50	51.6	65.5	71.6	82.1	85.9	86.7	90.1	92.9	94.1	95.6	96.7	96.4	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2
40	40	51.6	65.5	71.6	82.1	85.9	86.7	90.1	93.0	94.1	95.8	96.4	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
30	30	51.5	65.5	71.6	82.1	85.9	86.7	90.1	93.0	94.1	95.8	96.4	96.8	97.2	98.1	98.5	98.5	98.5	98.5	98.5	98.5
20	20	51.6	65.5	71.6	82.1	85.9	86.7	90.1	93.0	94.2	95.8	96.4	96.8	97.2	98.1	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 7477

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-07
LAKENHEATH DAF UK
STATION NAME

74-07

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1999-2000

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400
100	15.1	22.3	22.9	25.1	26.5	26.5	28.8	29.4	29.5	30.3	30.6	30.6	30.7	30.9	31.4	32.3
200	18.1	23.1	26.0	28.9	30.8	30.8	33.2	33.8	33.9	34.3	35.0	35.0	35.1	35.4	35.9	36.7
300	19.2	23.3	26.1	29.0	30.9	30.9	33.3	33.9	34.1	34.9	35.1	35.1	35.3	35.5	36.0	36.8
400	19.2	23.3	26.1	29.0	30.9	30.9	33.3	33.9	34.1	34.9	35.1	35.1	35.3	35.5	36.0	36.8
500	18.2	23.3	26.1	29.0	30.9	30.9	33.3	33.9	34.1	34.9	35.1	35.1	35.3	35.5	36.0	36.8
600	18.3	23.5	26.4	29.3	31.2	31.2	33.6	34.2	34.3	35.1	35.4	35.4	35.5	35.7	36.2	37.1
700	19.3	24.6	27.5	30.7	32.6	32.6	35.0	35.6	35.7	36.6	36.8	36.8	36.9	37.2	37.6	38.5
800	19.7	24.9	27.8	31.1	33.0	33.0	35.4	36.0	36.1	36.9	37.0	37.2	37.3	37.5	38.0	38.8
900	21.7	27.5	30.0	34.7	36.6	36.7	39.1	39.7	39.8	40.6	40.9	40.9	41.0	41.2	41.7	42.6
1000	21.9	27.7	31.0	35.5	37.4	37.5	39.9	40.5	40.6	41.5	41.7	41.7	41.8	42.0	42.6	43.4
1200	21.9	27.7	31.0	35.5	37.4	37.5	39.9	40.5	40.6	41.5	41.7	41.7	41.8	42.0	42.6	43.4
1400	22.9	28.8	33.1	36.8	38.7	38.8	41.6	42.2	42.4	43.3	43.5	43.5	43.6	43.8	44.4	45.2
1600	25.5	30.1	37.1	41.0	43.4	43.5	46.5	47.1	47.5	48.3	48.6	48.6	48.9	49.2	49.6	50.5
1800	27.8	34.5	39.6	44.2	47.0	47.4	50.4	51.0	51.6	52.4	52.6	52.6	53.0	53.2	53.7	54.6
2000	29.9	38.4	43.8	48.6	51.3	51.7	55.4	56.0	56.7	57.6	57.8	57.8	58.2	58.4	58.9	59.7
2200	31.5	40.9	47.1	52.4	55.4	55.8	59.8	60.3	61.0	61.9	62.1	62.1	62.5	62.7	63.2	64.0
2400	33.5	43.3	49.8	55.5	58.9	59.2	63.2	63.9	64.4	65.6	65.8	65.8	66.2	66.4	66.9	67.7
2600	35.7	46.8	53.8	60.3	63.7	64.0	68.0	68.9	69.7	70.6	71.0	71.0	71.5	71.7	72.2	73.0
2800	36.7	47.1	54.4	61.4	65.0	65.3	69.3	70.4	71.1	72.2	72.5	72.5	73.0	73.3	73.7	74.6
3000	37.6	49.2	57.1	64.3	68.0	68.3	72.3	73.6	74.3	75.4	75.8	75.8	76.3	76.5	77.0	77.8
3200	38.8	50.8	59.7	66.8	70.6	71.0	75.0	77.0	77.7	78.9	79.3	79.3	79.7	80.0	80.5	81.4
3400	39.4	51.8	60.4	68.8	72.8	73.3	77.3	79.7	80.2	80.9	82.1	82.7	82.7	83.2	83.5	83.9
3600	39.6	52.2	60.9	69.9	74.0	74.5	78.5	80.9	81.5	82.3	83.5	84.1	84.1	84.5	84.8	85.3
3800	39.8	52.5	61.8	70.9	74.0	75.4	79.4	82.5	83.2	84.4	85.0	85.0	85.0	85.5	85.7	86.2
4000	40.3	53.0	62.0	72.3	76.4	76.9	82.5	84.3	85.3	86.7	87.5	87.5	88.0	88.2	88.7	89.7
4200	40.9	53.6	63.5	73.4	77.6	78.2	84.3	86.8	88.0	89.8	90.6	90.6	91.1	91.5	92.0	92.9
4400	40.9	53.6	63.7	73.6	77.8	78.4	84.8	87.4	88.6	90.4	91.2	91.2	91.7	92.1	92.6	93.8
4600	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	91.7	92.6	92.6	93.3	93.6	94.2	95.4
4800	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	92.1	93.0	93.4	94.1	94.6	95.6	98.2
5000	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	92.1	93.0	93.4	94.1	94.6	95.8	99.8
5200	40.9	53.6	63.7	73.6	77.9	78.7	85.7	88.2	89.6	92.1	93.0	93.4	94.1	94.6	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1971
STATION

LAKENHEATH RAF UK
STATION NAME

74-87
YEAR

552
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

122-5500
NO. OF

CEILING (FEET)	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	1/4	1/2	3/4	1
1000	14.1	18.2	20.6	23.6	24.2	24.2	26.7	28.7	28.7	28.7	32.7	33.7	33.7	33.7	33.7	33.7	29.1	29.1	29.1	29.1
800	15.5	21.4	24.2	28.0	28.7	28.7	31.1	32.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.7	34.7	34.7	34.7
600	16.5	21.4	24.4	29.2	28.9	28.9	31.1	32.9	33.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
400	16.5	21.4	24.4	29.2	28.9	28.9	31.1	32.9	33.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
200	16.6	21.5	24.6	28.5	29.7	29.7	31.7	33.1	33.5	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
100	17.6	22.8	26.7	29.9	30.6	30.6	32.9	34.6	34.9	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
50	19.7	24.0	27.7	31.1	31.8	31.8	34.0	35.8	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
25	27.5	26.3	29.4	33.9	34.6	34.6	36.7	38.5	38.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
12	21.7	27.2	37.6	35.0	35.8	35.8	37.9	39.7	40.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
6	21.4	27.3	30.7	35.2	35.9	35.9	38.7	39.8	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
3	21.9	28.3	32.2	37.1	37.8	37.8	40.2	42.0	42.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
1 1/2	27.8	31.1	35.4	41.0	42.0	42.1	44.5	46.7	47.0	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
3/4	25.9	34.2	38.8	45.6	46.7	46.9	49.5	51.8	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
1/2	28.5	38.7	43.2	51.5	51.6	51.8	54.9	57.2	58.1	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
1/4	30.0	40.1	45.0	53.5	54.7	55.0	58.3	60.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
15	31.8	42.2	48.3	56.2	57.4	57.8	61.2	63.8	64.7	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
7 1/2	35.2	46.4	53.3	61.8	63.0	63.4	67.7	70.2	71.2	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
3 3/4	35.7	46.8	53.8	62.7	63.9	64.4	67.9	71.2	72.1	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
1 3/4	37.1	48.9	56.7	65.8	67.1	67.7	72.7	75.2	76.2	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
9/8	37.4	49.8	57.1	67.8	69.9	70.6	75.1	78.3	79.4	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
5/8	37.8	50.1	57.7	68.4	70.5	71.2	76.7	79.2	80.3	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3/8	37.8	50.1	57.8	68.7	70.7	71.4	76.2	79.5	80.6	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1/8	38.7	50.5	58.5	69.6	72.2	73.0	78.1	81.8	83.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1500	38.7	50.5	58.7	70.1	72.7	73.4	79.1	82.8	84.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1200	38.2	50.6	58.9	70.5	73.3	74.0	79.9	83.7	85.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
900	38.3	50.7	59.1	70.9	73.8	74.5	81.9	85.0	86.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
600	38.3	50.7	59.1	70.9	74.0	75.0	81.3	85.5	87.4	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
300	38.3	50.7	59.1	70.9	74.2	75.1	81.8	86.1	88.3	90.8	91.4	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
100	38.3	50.7	59.2	71.2	74.5	75.5	82.2	86.5	88.6	91.1	91.9	92.2	92.7	93.8	94.6	94.6	94.6	94.6	94.6	94.6
50	38.3	50.7	59.2	71.2	74.5	75.5	82.2	86.5	88.6	91.1	91.9	92.2	92.7	93.8	94.6	94.6	94.6	94.6	94.6	94.6
25	39.3	50.7	59.2	71.2	74.5	75.5	82.2	86.5	88.6	91.1	91.9	92.2	92.7	93.8	94.6	94.6	94.6	94.6	94.6	94.6

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 10831 LAKEHURST AFB TX

74-87

FEET

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-6000

CEILING FEET	VISIBILITY: STATUTE MILES OR HUNDREDS OF METERS																							
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
20000	11.7	15.3	17.8	19.4	21.5	22.9	22.7	23.5	23.8	25.7	25.3	25.6	25.7	25.8	26.3	26.9								
18000	13.6	18.0	21.0	23.1	24.4	24.7	26.7	27.7	28.0	29.3	29.7	30.0	30.1	30.2	30.7	31.4								
16000	13.6	18.0	21.0	23.1	24.4	24.7	26.7	27.7	28.0	29.3	29.7	30.0	30.1	30.2	30.7	31.4								
14000	13.6	18.2	21.1	23.2	24.5	24.9	26.9	27.8	28.1	29.4	29.9	30.1	30.2	30.3	30.8	31.5								
12000	13.7	18.3	21.3	23.4	24.7	25.1	26.4	28.3	28.6	29.9	30.3	30.6	30.7	30.8	31.3	32.0								
10000	14.7	19.6	22.6	24.9	26.7	26.6	28.7	29.9	30.2	31.5	32.1	32.4	32.5	32.6	33.1	33.8								
9000	15.4	20.7	23.6	26.2	27.6	28.0	29.3	31.2	31.5	32.9	33.5	33.7	33.8	33.9	34.4	35.1								
8000	16.7	22.0	25.2	27.5	28.9	29.3	30.6	32.5	32.9	34.2	34.9	35.0	35.1	35.2	35.7	36.4								
7000	17.4	23.1	26.5	29.1	30.6	30.9	32.3	34.2	34.5	35.8	36.4	36.7	36.8	36.9	37.4	38.2								
6000	18.6	24.7	28.9	32.3	33.8	34.2	35.6	37.5	37.9	39.2	39.8	40.0	40.1	40.3	40.7	41.6								
5000	21.3	27.2	31.7	35.6	37.2	37.5	39.2	41.2	41.6	43.7	43.7	44.2	44.3	44.4	44.9	45.8								
4500	23.2	30.5	35.1	39.8	41.6	42.1	44.4	47.0	47.4	49.6	49.6	50.1	50.2	50.3	50.8	51.6								
4000	25.6	33.6	38.7	43.7	45.6	46.1	48.9	51.5	52.0	53.4	54.2	54.7	54.8	55.7	55.6	56.4								
3500	27.7	36.3	41.5	47.1	49.0	49.6	52.4	55.2	55.7	57.1	57.9	58.4	58.5	58.7	59.1	60.1								
3000	29.3	38.1	44.0	50.1	52.1	52.7	55.8	58.7	59.1	61.6	61.4	61.9	62.7	62.1	62.7	63.6								
2500	31.4	41.6	48.3	55.4	57.5	58.2	61.3	64.6	65.4	66.8	67.6	68.2	68.3	68.5	69.1	69.9								
2000	31.7	42.3	49.7	56.3	58.5	59.4	62.7	66.1	66.8	68.2	69.1	69.7	69.8	69.9	70.5	71.3								
1800	32.5	44.1	51.9	58.9	61.5	62.6	66.2	70.0	71.0	72.6	73.5	74.1	74.2	74.3	74.9	75.7								
1600	33.5	45.6	52.7	61.3	64.0	65.1	68.9	73.0	74.2	76.7	76.9	77.5	77.7	77.8	78.4	79.2								
1400	33.8	46.0	53.0	61.9	65.0	66.1	70.1	74.6	75.7	77.5	78.5	79.1	79.2	79.3	79.9	80.8								
1200	34.1	46.2	53.5	62.5	65.6	66.7	70.8	75.3	76.5	78.3	79.2	79.8	79.9	80.7	80.6	81.5								
1000	34.4	46.7	54.4	63.7	66.8	67.9	72.5	77.2	78.4	80.3	81.2	81.9	82.0	82.1	82.7	83.5								
900	34.4	46.7	54.5	64.0	67.4	68.5	74.4	79.2	80.5	82.8	84.0	84.6	84.7	84.8	85.4	86.3								
800	34.4	46.7	54.6	64.3	68.2	69.3	75.5	80.6	82.1	84.5	85.8	86.4	86.5	86.6	87.2	88.1								
700	34.5	46.8	54.7	64.6	68.8	70.0	76.9	82.9	84.8	87.2	88.5	89.1	89.4	89.5	90.1	90.9								
600	34.5	46.8	54.7	64.8	69.1	70.3	77.5	84.0	85.9	88.4	89.7	90.4	90.7	90.8	91.4	92.4								
500	34.5	46.8	54.7	64.8	69.1	70.3	77.5	84.3	86.3	89.2	90.6	91.3	91.7	92.4	93.1	94.4								
400	34.5	47.0	54.8	64.9	69.2	70.4	77.8	84.6	86.5	89.6	91.0	91.8	92.5	93.5	95.0	97.6								
300	34.5	47.0	54.8	64.9	69.2	70.4	77.8	84.6	86.5	89.6	91.0	91.8	92.5	93.5	95.3	99.2								
200	34.5	47.0	54.8	64.9	69.2	70.4	77.8	84.6	86.5	89.6	91.0	91.8	92.5	93.7	95.5	100.0								

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1992-1999

CEILING FEET	VISIBILITY STATUTE MILES															
	GE9	GE8	GE7	GE6	GE5	GE4	GE3	GE2	GE1	GE0	GE1	GE2	GE3	GE4	GE5	GE6
20000	11.6	14.9	17.1	20.5	21.7	22.1	22.9	23.9	24.1	24.4	24.4	24.4	24.4	24.4	24.5	24.5
18000	13.5	17.1	19.9	23.5	26.7	26.6	27.9	28.9	29.2	29.4	29.4	29.4	29.4	29.5	29.5	29.5
16000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
14000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
12000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
10000	13.9	17.4	20.2	23.9	26.5	27.0	28.2	29.5	29.7	30.0	30.0	30.0	30.0	30.1	30.1	30.1
8000	15.4	19.1	21.9	25.8	28.6	29.0	30.7	31.5	31.8	32.0	32.0	32.0	32.0	32.1	32.1	32.1
6000	15.4	19.1	21.9	25.8	28.6	29.0	30.7	31.5	31.8	32.0	32.0	32.0	32.0	32.1	32.1	32.1
4000	17.1	21.3	24.6	29.0	31.8	32.4	33.6	34.9	35.1	35.4	35.4	35.4	35.4	35.5	35.5	35.5
2000	18.3	22.8	26.3	30.8	33.6	34.3	35.7	37.2	37.4	37.8	37.8	37.8	37.8	37.9	37.9	37.9
1000	18.5	23.1	26.5	31.1	33.8	34.5	36.0	37.5	37.8	38.1	38.1	38.1	38.1	38.2	38.2	38.2
500	19.6	24.4	27.8	33.3	36.7	36.9	38.6	40.1	40.4	40.7	40.7	40.7	40.7	40.9	40.9	40.9
250	20.9	26.4	30.0	35.8	38.8	39.5	41.3	43.0	43.2	43.8	43.8	43.8	43.8	44.2	44.2	44.2
100	24.5	31.1	34.6	41.3	44.6	45.3	47.7	49.1	49.3	49.9	49.9	49.9	49.9	50.3	50.3	50.3
50	25.9	33.2	37.0	44.2	47.4	48.1	50.3	52.4	52.7	53.3	53.3	53.3	53.3	54.0	54.0	54.0
25	28.3	36.2	40.0	47.6	51.0	51.7	54.0	56.3	56.5	57.7	57.8	57.8	57.8	58.4	58.4	58.4
12.5	29.2	37.8	41.9	49.7	53.5	54.2	56.8	59.4	59.6	60.8	60.9	61.5	61.5	61.6	61.6	61.6
6.25	30.9	41.5	46.0	54.5	59.5	59.4	62.5	65.7	66.1	67.3	67.4	68.0	68.0	68.1	68.1	68.1
3.125	31.1	41.7	46.6	55.6	59.9	60.8	63.9	67.1	67.5	68.7	68.8	69.4	69.4	69.5	69.5	69.5
1.5625	32.0	43.0	48.5	57.8	62.8	63.8	67.1	70.7	71.1	72.5	72.6	73.2	73.2	73.4	73.4	73.4
0.78125	32.9	44.2	49.9	59.6	65.2	66.3	70.1	74.3	74.7	76.3	76.7	77.3	77.3	77.5	77.7	77.9
0.390625	33.0	44.9	50.8	61.2	67.0	68.5	72.4	76.7	77.3	79.2	79.6	81.2	81.4	82.5	82.5	82.8
0.1953125	33.2	45.4	51.3	61.8	68.2	69.7	73.6	77.9	78.5	80.5	80.9	81.5	81.7	81.8	81.8	82.1
0.09765625	33.6	45.8	51.9	62.8	69.7	71.1	75.5	80.2	80.9	83.2	83.5	84.1	84.3	84.5	84.5	84.7
0.048828125	33.6	45.9	52.0	63.6	71.0	72.4	77.1	82.1	82.9	85.7	86.1	86.7	87.0	87.1	87.1	87.3
0.0244140625	33.6	46.0	52.1	63.7	71.4	73.0	78.0	83.9	84.9	87.9	88.4	89.2	89.5	89.6	89.6	89.8
0.01220703125	33.6	46.0	52.1	64.2	72.2	74.1	79.7	86.0	87.1	90.4	91.2	92.2	92.5	92.7	92.7	93.0
0.006103515625	33.6	46.0	52.1	64.2	72.2	74.1	79.3	86.4	87.9	91.5	92.6	93.8	94.7	94.9	94.9	94.6
0.0030517578125	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.3	94.9	95.1	96.2	96.3	96.7
0.00152587890625	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.4	95.0	95.6	97.1	97.4	99.6
0.000762939453125	33.6	46.0	52.1	64.2	72.2	74.1	79.5	86.7	88.3	92.2	93.4	95.0	95.6	97.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 35931 LAKENHEATH RAF UK

74-83

FEET
METERS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2-1400

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)									
	≥10 GE10	≥6 GE6	≥5 GE5	≥4 GE4	≥3 GE3	≥2.5 GE2.5	≥2 GE2	≥1.5 GE1.5	≥1 GE1	≥0.5 GE0.5	≥0.25 GE0.25	≥0.1 GE0.1	≥0.05 GE0.05	≥0.025 GE0.025	≥0.01 GE0.01	≥0.005 GE0.005										
NO CEILING	11.9	15.3	16.2	19.4	21.0	21.1	21.4	21.6	21.6	22.0	22.7	22.8	22.9	22.9	22.9	22.9										
≥ 20000	15.1	19.1	21.0	25.0	26.9	27.0	27.4	27.7	27.7	28.2	29.2	29.2	29.2	29.2	29.2	29.2										
≥ 18000	15.7	19.7	21.6	25.6	27.6	27.7	28.2	28.6	28.6	29.0	29.7	29.7	29.7	29.7	29.7	29.7										
≥ 16000	15.7	19.7	21.6	25.6	27.6	27.7	28.2	28.6	28.6	29.0	29.7	29.7	29.7	29.7	29.7	29.7										
≥ 14000	15.7	19.7	21.6	25.6	27.6	27.7	28.2	28.6	28.6	29.0	29.7	29.7	29.7	29.7	29.7	29.7										
≥ 12000	15.8	20.0	21.9	25.8	27.8	28.0	28.4	28.8	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3										
≥ 10000	17.0	21.3	23.2	27.1	29.2	29.3	29.7	30.1	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.6										
≥ 9000	17.7	22.0	24.0	28.2	30.2	30.3	30.9	31.2	31.2	31.7	31.7	31.7	31.7	31.7	31.7	31.7										
≥ 8000	27.4	24.9	27.4	31.7	33.7	33.8	34.4	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2										
≥ 7000	21.4	26.3	29.7	33.0	35.1	35.2	36.0	36.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9										
≥ 6000	21.5	26.2	29.8	33.3	35.5	35.7	36.4	36.9	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4										
≥ 5000	22.8	28.2	30.9	35.8	38.0	38.2	38.9	39.4	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9										
≥ 4500	24.6	30.5	33.6	38.7	41.0	41.2	41.9	42.7	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2										
≥ 4000	28.9	35.4	39.1	44.7	47.0	47.2	47.9	48.9	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5										
≥ 3500	32.1	39.4	43.6	50.3	52.6	52.8	53.5	54.6	54.8	55.7	55.7	55.7	55.7	55.7	55.7	55.7										
≥ 3000	37.6	45.4	49.9	57.1	59.9	60.2	60.9	62.0	62.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4										
≥ 2500	38.7	47.3	52.7	59.9	62.8	63.2	64.7	65.4	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9										
≥ 2000	41.2	52.1	57.2	65.8	68.9	69.4	70.4	71.8	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5										
≥ 1800	41.6	52.6	57.7	66.4	69.7	70.1	71.2	72.6	73.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3										
≥ 1600	43.1	55.3	60.9	70.6	74.2	74.7	76.5	78.1	78.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8										
≥ 1400	44.4	57.2	63.7	74.2	78.6	79.1	81.5	84.0	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9										
≥ 1200	44.9	58.2	63.9	76.0	80.9	81.5	84.7	87.0	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9										
≥ 1000	45.0	58.4	64.2	76.5	81.5	82.1	84.7	87.7	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7										
≥ 900	45.2	58.5	64.6	77.3	82.8	83.6	86.7	90.4	91.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5										
≥ 800	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 700	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 600	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 500	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 400	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 300	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 200	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 100	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										
≥ 0	45.2	58.5	64.6	77.3	83.3	84.2	87.9	92.6	93.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4										

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-83

FILE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

		VISIBILITY STATUTE MILES																CP (HUNDREDS OF METERS)															
ELEVATION FEET		GE90	GE90	GE80	GE60	GE40	GE20	GE20	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02	GE90	GE90	GE80	GE60	GE40	GE20	GE20	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02
>	20000	13.5	17.4	19.1	21.5	22.4	22.6	23.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	
>	18000	17.1	21.8	23.9	27.9	29.5	29.6	30.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	
>	16000	17.1	22.0	24.0	28.0	29.6	29.7	30.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
>	14000	17.1	22.0	24.0	28.0	29.6	29.7	30.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
>	12000	17.1	22.1	24.1	28.2	29.7	29.8	30.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
>	10000	17.9	23.3	25.4	29.6	31.1	31.3	32.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
>	9000	18.1	23.9	26.0	30.4	32.0	32.1	32.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	
>	8000	20.4	26.6	29.4	33.8	35.3	35.6	36.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	
>	7000	21.2	27.4	30.4	34.8	36.4	36.6	37.5	38.4	38.4	38.4	38.4	38.7	38.7	38.8	38.8	38.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
>	6000	21.6	27.9	30.9	35.3	36.9	37.1	37.9	38.9	38.9	38.9	38.9	39.1	39.1	39.3	39.3	39.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
>	5000	22.3	29.0	32.1	36.6	39.2	38.4	39.3	40.2	40.2	40.2	40.2	40.6	40.6	40.7	40.7	40.7	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	
>	4500	24.6	32.6	36.2	41.3	42.8	43.1	43.9	44.9	44.9	44.9	44.9	45.2	45.2	45.3	45.3	45.3	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	
>	4000	27.6	36.3	40.3	46.1	47.9	48.1	48.9	49.9	49.9	49.9	49.9	50.2	50.2	50.4	50.4	50.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	
>	3500	31.4	40.7	45.1	51.1	53.1	53.3	54.4	55.8	55.8	55.8	56.0	56.3	56.3	56.4	56.4	56.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	
>	3000	36.9	47.9	52.9	59.4	61.8	62.1	63.5	64.9	65.7	65.5	65.5	65.9	65.9	66.0	66.0	66.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
>	2500	38.7	49.8	54.9	62.1	64.6	64.9	66.3	67.8	67.9	68.4	68.7	68.7	68.9	68.9	68.9	68.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
>	2000	41.5	54.3	60.1	68.6	71.8	72.2	74.2	75.8	76.0	76.6	77.0	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
>	1800	42.7	54.8	60.6	69.5	72.7	73.0	75.2	76.7	77.0	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
>	1600	42.7	56.3	62.6	73.5	77.0	77.3	79.6	81.3	81.5	82.2	82.6	82.6	82.6	82.7	82.7	82.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
>	1400	43.6	57.9	64.9	76.8	81.9	81.3	84.1	85.9	86.3	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
>	1200	43.7	58.2	65.4	77.9	82.8	83.2	86.3	88.3	88.7	89.7	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
>	1000	43.7	58.2	65.4	77.9	82.8	83.2	86.3	88.3	88.7	89.7	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
>	900	43.7	58.2	65.4	77.9	82.8	83.2	86.3	88.3	88.7	89.7	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
>	800	43.7	58.2	65.4	77.9	82.8	83.2	86.3	88.3	88.7	89.7	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
>	700	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	600	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	500	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	400	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	300	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	200	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	100	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>	0	43.8	58.4	65.6	78.4	83.8	84.4	88.2	91.5	92.0	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	

TOTAL NUMBER OF OBSERVATIONS 838

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75PT1 LAKENHEATH RAF JK

74-83

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1977-2000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥20000	16.4	20.8	23.8	27.8	27.6	27.7	29.7	29.4	29.6	29.6	29.6	29.6	29.7	29.9	30.7	30.2
≥18000	18.8	24.0	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥16000	18.8	24.0	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥14000	18.8	24.0	27.4	31.3	32.7	32.9	34.3	34.9	35.1	35.1	35.1	35.1	35.2	35.4	35.5	35.7
≥12000	18.8	24.0	27.5	31.7	33.1	33.2	34.6	35.2	35.5	35.5	35.5	35.5	35.6	35.7	35.8	36.1
≥10000	19.1	24.5	28.0	32.1	33.6	33.7	35.1	35.7	36.7	36.0	36.0	36.0	36.1	36.2	36.3	36.6
≥9000	19.7	25.4	29.2	33.5	34.9	35.0	36.4	37.0	37.3	37.3	37.3	37.3	37.4	37.5	37.6	37.9
≥8000	21.5	28.7	31.8	36.4	38.2	38.4	39.8	40.4	40.6	40.6	40.6	40.6	40.7	40.9	41.0	41.2
≥7000	22.7	28.6	32.6	37.3	39.1	39.2	40.6	41.2	41.5	41.6	41.6	41.6	41.9	42.1	42.2	42.4
≥6000	22.1	29.0	33.1	37.8	39.5	39.7	41.1	41.7	41.9	42.1	42.1	42.1	42.4	42.5	42.7	42.9
≥5000	24.1	31.4	35.6	40.3	42.2	42.3	43.7	44.6	44.8	45.0	45.0	45.0	45.4	45.5	45.6	45.9
≥4500	26.6	34.4	39.3	44.9	47.0	47.1	48.5	49.5	49.8	50.1	50.1	50.1	50.4	50.5	50.7	50.9
≥4000	30.2	38.9	44.3	50.8	53.0	53.2	54.6	55.7	56.0	56.3	56.3	56.3	56.6	56.8	56.9	57.1
≥3500	32.7	42.1	47.7	54.2	56.6	56.8	58.3	59.9	60.2	60.5	60.5	60.5	60.8	60.9	61.1	61.3
≥3000	35.8	46.4	52.3	59.5	62.1	62.2	64.2	65.7	66.1	66.4	66.4	66.4	66.8	66.9	67.2	67.3
≥2500	36.8	48.4	54.4	62.4	65.1	65.2	67.1	68.7	69.1	69.4	69.4	69.4	69.8	69.9	70.2	70.3
≥2000	38.9	51.5	59.7	69.2	71.9	72.0	74.2	75.9	76.2	76.7	76.7	76.7	77.1	77.2	77.3	77.5
≥1800	39.1	51.7	61.1	69.7	72.4	72.5	74.7	76.5	76.8	77.3	77.3	77.3	77.7	77.8	77.9	78.1
≥1500	40.6	54.0	63.3	74.4	77.5	77.9	80.2	82.2	82.6	83.0	83.0	83.0	83.4	83.5	83.6	83.9
≥1200	41.1	54.6	64.2	76.5	80.2	80.6	83.4	85.4	85.8	86.6	86.7	86.7	87.1	87.2	87.3	87.6
≥1000	41.2	54.7	64.5	77.2	81.2	81.8	84.7	86.9	87.3	88.4	88.5	88.5	88.9	89.0	89.1	89.4
≥900	41.2	54.7	64.5	77.5	82.0	82.7	85.7	87.8	88.3	89.4	89.5	89.5	89.8	90.0	90.1	90.3
≥800	41.5	55.0	64.9	77.9	82.4	83.3	86.5	89.6	90.4	91.8	91.9	91.9	92.2	92.4	92.5	92.7
≥700	41.6	55.2	65.1	78.4	82.9	83.8	87.6	90.8	92.0	93.3	93.4	93.4	93.8	93.9	94.0	94.3
≥600	41.7	55.3	65.4	78.6	83.2	84.0	88.1	91.3	92.5	94.3	94.4	94.4	94.7	94.9	95.0	95.2
≥500	41.7	55.3	65.4	78.9	83.5	84.5	88.6	92.0	93.5	95.7	95.8	95.9	96.4	96.5	96.7	96.9
≥400	41.7	55.3	65.4	78.9	83.6	84.6	89.0	92.8	94.4	96.8	96.9	97.1	97.6	97.7	97.8	98.1
≥300	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.0	97.5	97.6	97.8	98.6	98.8	98.9	99.2
≥200	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.1	97.6	97.7	98.0	98.7	99.0	99.2	99.4
≥100	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.1	97.6	97.7	98.1	98.8	99.3	99.4	100.0
≥0	41.7	55.3	65.4	78.9	83.6	84.6	89.0	93.4	95.1	97.6	97.7	98.1	98.8	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-83

PER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

71.2-2372

CEILING FEET	VISIBILITY: STATUTE MILES															
	OD (HUNDREDS OF METERS)															
	210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240
21000	19.0	23.7	26.9	29.5	31.1	31.1	33.1	33.7	33.7	34.1	34.1	34.2	34.5	34.8	35.0	35.1
20000	20.7	25.7	29.0	32.4	34.9	34.9	37.4	38.1	38.1	38.6	38.6	38.7	39.1	39.3	39.5	39.7
18000	22.7	25.7	29.0	32.4	34.9	34.9	37.4	38.1	38.1	38.6	38.6	38.7	39.1	39.3	39.5	39.7
16000	22.7	25.7	29.0	32.4	34.9	34.9	37.4	38.1	38.1	38.6	38.6	38.7	39.1	39.3	39.5	39.7
14000	22.8	25.8	29.2	32.5	35.0	35.0	37.5	38.2	38.2	38.7	38.7	38.8	39.2	39.4	39.7	39.8
12000	21.1	26.2	29.5	32.9	35.4	35.4	37.9	38.6	38.6	39.1	39.1	39.2	39.5	39.8	40.0	40.1
10000	22.1	27.1	30.5	34.4	36.9	36.9	39.4	40.1	40.1	40.6	40.6	40.7	41.1	41.3	41.6	41.7
9000	22.5	28.0	31.3	35.2	37.8	37.8	40.3	41.0	41.0	41.5	41.5	41.7	42.1	42.3	42.5	42.7
8000	24.4	31.5	33.8	38.1	40.6	40.6	43.5	44.2	44.2	44.7	44.7	44.9	45.3	45.5	45.8	45.9
7000	24.6	31.8	34.5	38.8	41.3	41.3	44.2	44.9	44.9	45.4	45.4	45.6	46.0	46.2	46.5	46.6
6000	24.6	30.8	34.5	38.8	41.3	41.3	44.2	44.9	44.9	45.4	45.4	45.6	46.0	46.2	46.5	46.6
5000	25.2	31.3	35.5	39.9	42.4	42.4	45.6	46.5	46.5	47.2	47.2	47.4	47.8	48.0	48.3	48.4
4500	26.6	34.5	38.5	43.5	46.1	46.1	49.6	50.4	51.0	51.5	51.5	51.7	52.1	52.3	52.6	52.7
4000	29.5	37.8	42.2	47.3	50.2	50.2	53.9	54.7	55.3	55.8	55.8	56.0	56.4	56.6	56.9	57.0
3500	31.8	40.5	45.0	50.3	53.2	53.2	57.5	58.3	58.9	59.4	59.4	59.6	60.0	60.2	60.5	60.6
3000	35.5	45.0	50.2	55.6	58.7	58.7	63.0	64.0	64.6	65.1	65.1	65.4	65.7	65.9	66.2	66.3
2500	37.5	48.3	53.9	59.4	62.7	62.7	67.1	68.2	68.8	69.3	69.3	69.5	69.9	70.1	70.4	70.5
2000	39.2	51.0	57.7	64.6	69.6	69.6	73.0	74.1	74.7	75.1	75.1	75.4	75.7	76.0	76.2	76.3
1800	39.7	51.9	58.5	65.8	69.8	69.8	73.4	74.2	75.3	75.9	76.3	76.5	76.6	76.9	77.2	77.5
1500	47.5	53.8	61.5	70.3	74.3	74.3	78.7	79.0	80.6	81.1	81.1	81.4	81.7	82.0	82.2	82.3
1200	41.2	55.0	62.8	72.6	76.8	76.8	82.0	83.3	83.9	84.5	84.5	84.7	85.1	85.3	85.5	85.7
1000	41.3	55.3	63.4	74.3	79.1	79.1	84.3	86.3	86.9	87.5	87.5	87.7	88.1	88.3	88.5	88.6
900	41.8	55.8	64.0	75.3	80.3	80.3	85.5	87.7	88.3	88.9	88.9	89.1	89.5	89.7	90.0	90.1
800	41.9	56.0	64.4	75.9	81.0	81.0	86.5	88.8	89.5	90.1	90.1	90.3	90.7	90.9	91.2	91.3
700	42.1	56.2	64.9	76.5	81.6	81.6	87.6	90.1	90.8	91.4	91.4	91.6	92.0	92.2	92.5	92.6
600	42.1	56.2	64.9	76.6	81.8	81.8	88.2	90.7	91.6	92.4	92.4	92.6	92.8	93.2	93.4	93.8
500	42.2	56.3	65.4	77.4	82.7	82.7	89.5	92.2	93.5	94.4	94.4	94.6	94.9	95.2	95.5	95.8
400	42.2	56.3	65.4	77.4	83.0	83.0	90.1	93.0	94.4	95.2	95.5	95.7	96.1	96.3	96.5	96.7
300	42.2	56.3	65.4	77.4	83.0	83.0	90.1	93.1	94.6	95.6	95.8	96.1	96.4	96.8	97.0	97.1
200	42.2	56.3	65.4	77.4	83.0	83.0	90.1	93.2	94.9	95.8	96.2	96.5	96.9	97.6	98.1	98.6
100	42.2	56.3	65.4	77.4	83.0	83.0	90.1	93.2	94.9	95.8	96.2	96.5	96.9	97.7	98.3	99.6
0	42.2	56.3	65.4	77.4	83.0	83.0	90.1	93.2	94.9	95.8	96.2	96.5	96.9	98.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3-831
STATION

LAKENHEATH RAF UK
STATION NAME

74-87
YEAR

FFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	210	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
NO. CEILING	ST97	EG97	GF87	GF60	GF48	GF40	GF32	GF24	GF20	GF16	GF12	GF10	GF08	GF05	GF04	GF02
≥ 20000	14.8	18.2	27.5	23.1	24.4	24.5	5.8	26.7	26.8	27.3	27.4	27.4	27.5	27.6	27.8	28.2
≥ 18000	16.8	21.4	24.7	27.7	29.4	29.6	31.1	32.1	32.3	32.8	32.9	32.9	33.0	33.1	33.3	33.7
≥ 16000	16.8	21.4	24.7	27.7	29.4	29.6	31.1	32.1	32.3	32.8	32.9	32.9	33.0	33.1	33.3	33.7
≥ 14000	16.8	21.4	24.7	27.7	29.4	29.6	31.1	32.1	32.3	32.8	32.9	32.9	33.0	33.1	33.3	33.7
≥ 12000	16.8	21.4	24.7	27.7	29.4	29.6	31.1	32.1	32.3	32.8	32.9	32.9	33.0	33.1	33.3	33.7
≥ 10000	17.9	22.8	25.6	29.3	31.1	31.3	32.9	33.8	34.0	34.5	34.6	34.7	34.8	34.9	35.1	35.5
≥ 9000	18.4	23.5	26.5	30.3	32.1	32.2	33.8	34.8	35.0	35.5	35.6	35.6	35.7	35.8	36.1	36.5
≥ 8000	20.3	25.9	29.1	33.1	35.0	35.2	36.8	37.8	38.0	38.5	38.6	38.6	38.7	38.8	39.1	39.4
≥ 7000	21.7	26.7	30.2	34.3	36.2	36.4	38.0	39.1	39.2	39.8	39.9	40.0	40.1	40.2	40.4	40.9
≥ 6000	21.1	26.9	30.4	34.5	36.4	36.7	38.3	39.3	39.5	40.0	40.2	40.3	40.4	40.5	40.7	41.1
≥ 5000	22.1	28.3	32.0	36.5	38.4	38.7	40.4	41.6	41.8	42.3	42.5	42.6	42.7	42.8	43.2	43.4
≥ 4500	24.1	31.1	35.2	40.2	42.3	42.6	44.4	45.7	46.0	46.6	46.7	46.9	47.0	47.1	47.4	47.8
≥ 4000	27.2	34.8	39.2	45.0	47.2	47.6	49.6	51.0	51.4	52.0	52.2	52.3	52.5	52.6	52.8	53.2
≥ 3500	29.7	38.2	43.0	49.1	51.4	51.8	54.1	55.7	56.2	56.8	57.0	57.2	57.3	57.4	57.7	58.1
≥ 3000	32.9	42.2	47.5	54.0	56.6	57.0	59.5	61.1	61.6	62.4	62.6	62.8	62.9	63.1	63.3	63.7
≥ 2500	34.4	44.4	49.9	56.9	59.6	60.1	62.7	64.5	64.9	65.8	66.0	66.2	66.3	66.4	66.7	67.1
≥ 2000	36.8	48.1	54.5	62.5	65.5	66.0	68.8	70.9	71.4	72.3	72.6	72.7	72.9	73.0	73.3	73.7
≥ 1800	37.0	48.6	55.1	63.4	66.5	67.0	69.9	72.0	72.5	73.4	73.7	73.9	74.1	74.1	74.4	74.8
≥ 1500	38.3	50.6	57.5	67.0	70.3	70.9	74.1	76.4	77.0	78.0	78.2	78.4	78.6	78.7	78.9	79.3
≥ 1200	39.1	51.9	59.2	69.5	73.7	73.9	77.6	80.2	80.8	82.0	82.3	82.5	82.7	82.8	83.1	83.5
≥ 1000	39.4	52.4	59.9	70.7	74.9	75.7	79.6	82.4	83.1	84.3	84.6	84.9	85.1	85.2	85.5	85.9
≥ 900	39.5	52.6	60.2	71.3	75.7	76.5	80.4	83.3	84.0	85.3	85.6	85.9	86.1	86.2	86.4	86.9
≥ 800	39.8	52.9	60.7	72.0	76.7	77.5	81.8	85.1	86.0	87.4	87.7	88.0	88.2	88.3	88.6	89.0
≥ 700	39.9	53.0	61.0	72.5	77.3	78.2	82.9	86.5	87.4	89.0	89.5	89.7	89.9	90.1	90.3	90.8
≥ 600	39.9	53.1	61.1	72.7	77.7	78.5	83.5	87.3	88.3	90.2	90.7	91.0	91.2	91.3	91.6	92.0
≥ 500	40.0	53.2	61.3	73.2	78.2	79.2	84.5	88.8	89.1	92.1	92.7	93.1	93.3	93.5	93.8	94.2
≥ 400	40.0	53.2	61.3	73.2	78.4	79.4	84.8	89.3	90.8	93.0	93.7	94.1	94.4	94.7	94.9	95.4
≥ 300	40.0	53.2	61.3	73.2	78.4	79.4	85.0	89.7	91.2	93.7	94.5	95.1	95.5	96.0	96.3	96.9
≥ 200	40.0	53.2	61.3	73.2	78.5	79.5	85.0	89.8	91.3	93.9	94.8	95.4	95.9	96.7	97.2	98.6
≥ 100	40.0	53.2	61.3	73.2	78.5	79.5	85.0	89.8	91.3	93.9	94.8	95.4	95.9	96.8	97.4	99.6
≥ 0	40.0	53.2	61.3	73.2	78.5	79.5	85.0	89.8	91.3	93.9	94.8	95.4	95.9	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6693

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 134931 LAKENHEATH RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-2000
200-2000

CEILING FEET	VISIBILITY STATUTE MILES																OP (HUNDREDS OF METERS)													
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.015	≥0.01	≥0.005	≥0.0025	≥0.0015	≥0.001	≥0.0005	≥0.00025	≥0.00015	≥0.0001	≥0.00005	≥0.000025	≥0.000015	≥0.00001
NO CEILING	26.2	30.5	32.9	34.3	35.2	35.5	36.5	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 12000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 10000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 9000	28.4	32.8	35.2	36.8	37.7	38.7	39.2	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 8000	34.7	38.8	41.1	42.7	43.6	43.9	45.1	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 7000	35.2	40.0	42.4	44.1	45.2	45.5	46.7	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 6000	35.4	40.3	42.6	44.3	45.4	45.7	46.9	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 5000	36.3	41.2	43.7	45.4	46.5	46.8	48.0	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 4500	38.2	43.6	46.2	48.1	49.2	49.5	50.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 4000	42.7	48.0	51.2	53.6	54.7	55.0	56.4	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 3500	45.1	51.9	55.4	58.2	59.4	59.7	61.2	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3000	48.3	55.7	59.5	62.8	63.9	64.3	65.8	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 2500	50.3	57.7	62.2	66.0	67.2	67.5	69.1	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	54.7	62.2	67.6	71.5	72.8	73.2	74.9	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	54.8	63.7	68.5	72.3	73.6	74.1	75.8	77.1	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	56.4	65.2	71.0	75.2	75.7	77.3	79.0	80.3	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	59.1	68.1	74.8	79.4	81.2	81.7	83.4	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	59.5	68.6	76.0	80.9	82.7	83.4	85.1	86.5	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 900	59.8	68.9	76.5	81.7	83.5	84.4	86.1	87.5	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 800	61.1	69.3	77.3	82.5	84.9	86.1	87.9	89.4	90.4	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	61.2	69.5	78.0	83.4	86.3	87.6	89.3	90.7	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	60.2	69.6	78.1	83.9	87.0	88.3	90.1	91.6	93.6	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	60.4	69.9	78.7	85.3	88.5	89.8	92.7	95.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	60.6	70.1	78.9	85.7	88.9	90.2	93.2	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	60.6	70.1	78.9	85.7	88.9	90.2	93.2	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	60.6	70.1	78.9	85.7	88.9	90.2	93.2	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100	60.6	70.1	78.9	85.7	88.9	90.2	93.2	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	60.6	70.1	78.9	85.7	88.9	90.2	93.2	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC D-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF JK
STATION NAME: LAKENHEATH RAF JK

74-97

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

74-97

		VISIBILITY: STATUTE MILES																OR: IN HUNDREDS OF METERS													
		200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650
1	000	22.3	27.2	29.7	31.5	32.5	32.8	34.7	34.8	34.9	35.4	35.5	35.6	35.6	35.8	35.9	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2	000	24.7	29.9	31.9	34.7	35.7	36.2	37.7	38.7	38.8	39.5	39.7	39.8	39.8	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
3	000	24.7	29.9	31.9	34.7	35.7	36.2	37.7	38.7	38.8	39.5	39.7	39.8	39.8	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
4	000	24.7	29.9	31.9	34.7	35.7	36.2	37.7	38.7	38.8	39.5	39.7	39.8	39.8	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
5	000	24.7	29.9	31.9	34.7	35.7	36.2	37.7	38.7	38.8	39.5	39.7	39.8	39.8	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
6	000	25.1	30.3	32.4	35.2	36.1	36.5	38.2	39.1	39.7	39.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
7	000	25.7	31.0	33.3	36.1	37.1	37.4	39.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
8	000	29.1	34.4	36.9	39.7	40.6	41.7	42.7	43.7	43.9	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
9	000	29.8	35.2	37.5	40.4	41.4	41.7	43.7	44.6	44.7	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
10	000	30.1	35.5	37.9	40.8	41.7	42.7	44.7	45.1	45.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
11	000	31.4	36.9	39.6	42.5	43.4	43.8	45.8	46.8	46.9	47.5	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
12	000	33.5	39.2	41.9	45.3	46.8	47.1	49.5	50.4	50.5	51.2	51.5	51.6	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
13	000	33.9	44.8	47.7	51.5	53.2	53.7	56.7	57.2	57.3	57.7	58.1	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
14	000	41.1	47.1	50.1	54.6	56.5	56.9	59.2	60.2	60.3	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
15	000	43.5	49.9	53.2	57.8	59.8	60.2	62.7	63.7	63.9	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
16	000	45.2	51.6	55.4	60.2	62.5	62.9	65.5	66.5	66.7	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
17	000	48.3	55.7	59.7	65.2	67.8	68.4	71.3	72.4	72.9	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
18	000	48.8	55.9	60.8	66.5	69.1	69.7	72.9	74.0	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
19	000	51.1	58.6	64.2	70.1	73.7	73.5	76.8	78.2	78.4	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
20	000	54.0	62.0	68.6	75.2	78.1	78.6	81.8	83.7	83.4	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
21	000	54.2	62.3	69.1	76.5	79.6	80.2	83.7	84.9	85.4	86.7	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
22	000	54.4	62.5	69.5	76.9	80.1	80.9	84.7	86.1	86.6	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
23	000	54.6	62.8	70.7	77.5	81.1	81.8	86.1	87.7	88.2	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
24	000	54.7	63.7	70.4	78.3	81.8	82.7	87.7	88.6	89.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
25	000	55.4	63.8	71.2	79.2	83.1	84.7	88.8	91.0	91.4	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
26	000	55.4	63.8	71.5	80.3	84.2	85.1	91.2	92.6	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
27	000	55.7	64.1	71.8	81.1	84.9	85.9	91.5	94.5	95.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
28	000	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
29	000	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.5	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
30	000	55.7	64.1	71.8	81.3	85.2	86.1	91.8	94.8	95.6	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS: 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK

74-87

MA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

612-2800

ELEVATION FEET	VISIBILITY: STATUTE MILES														
	OR (HUNDREDS OF METERS)														
10000	15.3	17.0	19.4	23.1	24.7	24.4	25.8	26.3	26.7	26.3	26.7	26.3	26.5	26.7	26.8
8000	19.9	20.9	23.5	28.0	29.1	29.7	31.6	32.5	32.5	32.7	32.7	32.8	32.9	33.1	33.3
6000	19.7	21.1	23.8	28.2	29.4	29.9	31.8	32.7	32.7	32.9	32.9	33.0	33.1	33.3	33.5
4000	19.7	21.2	23.9	28.3	29.5	30.0	31.9	32.8	32.8	33.1	33.1	33.2	33.3	33.5	33.7
2000	19.1	21.3	24.1	28.5	29.7	30.2	32.2	33.1	33.1	33.3	33.3	33.4	33.5	33.8	34.1
1000	19.6	21.9	24.4	29.5	31.0	31.5	33.4	34.3	34.3	34.7	34.7	34.8	34.9	35.2	35.5
800	21.4	22.8	25.8	30.8	32.3	32.8	34.7	35.6	35.6	36.0	36.0	36.1	36.2	36.5	36.9
600	23.5	26.7	29.5	35.2	36.8	37.3	39.2	40.1	40.1	40.5	40.5	40.6	40.8	41.1	41.4
400	24.8	27.4	30.9	37.2	38.8	39.4	41.5	42.4	42.5	42.9	42.9	43.0	43.1	43.4	43.7
200	24.9	27.5	31.0	37.3	38.9	39.5	41.6	42.5	42.6	43.1	43.1	43.2	43.3	43.5	43.8
100	26.6	29.2	32.8	39.2	41.1	41.7	44.0	44.8	44.9	45.5	45.5	45.6	45.7	46.1	46.5
50	27.1	32.3	36.2	42.8	44.7	45.4	48.7	48.9	49.1	49.7	49.7	49.8	49.9	50.2	50.6
25	32.7	35.5	39.7	46.6	48.6	49.4	52.7	53.1	53.3	53.9	53.9	54.0	54.1	54.4	54.8
12.5	35.4	39.4	43.7	51.1	53.2	54.2	57.2	58.5	58.7	59.2	59.2	59.4	59.5	59.8	60.3
6.25	37.6	41.7	46.5	54.2	56.3	57.3	60.3	61.6	61.8	62.4	62.4	62.5	62.6	62.9	63.4
3.125	39.4	43.9	49.4	57.4	59.6	60.5	63.7	65.1	65.3	65.8	65.8	65.9	66.1	66.3	66.9
1.5625	41.5	46.7	53.7	61.9	64.3	65.3	68.5	70.2	70.4	71.2	71.3	71.4	71.5	71.8	72.4
0.78125	41.9	47.2	53.7	62.7	65.2	66.1	69.4	71.1	71.4	72.2	72.3	72.4	72.5	72.8	73.3
0.390625	44.1	49.6	57.7	66.6	69.7	70.0	73.4	75.2	75.6	76.3	76.5	76.6	76.7	77.1	77.6
0.1953125	44.7	50.4	58.2	68.7	71.4	72.4	76.1	78.2	78.6	79.4	79.5	79.6	79.7	80.1	80.6
0.09765625	45.3	51.0	59.1	70.4	73.4	74.5	78.6	80.6	81.2	82.2	82.3	82.5	82.6	83.1	83.5
0.048828125	45.6	51.3	59.7	71.1	74.2	75.4	79.6	81.6	82.2	83.1	83.2	83.4	83.5	84.1	84.5
0.0244140625	45.6	51.5	60.1	71.7	75.7	76.5	81.7	83.1	83.7	84.8	85.1	85.3	85.5	85.9	86.5
0.01220703125	45.6	51.5	60.1	72.0	76.1	77.4	82.7	84.3	84.8	86.0	86.6	86.8	87.0	87.4	88.0
0.006103515625	45.8	51.7	60.3	72.7	76.9	78.4	83.8	86.2	86.9	88.1	88.6	88.8	89.1	89.6	90.1
0.0030517578125	45.9	51.8	60.5	74.1	78.3	79.8	85.4	87.7	89.4	90.9	91.7	91.9	92.4	92.8	93.4
0.00152587890625	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.5	90.6	92.8	93.8	94.0	94.4	94.8	95.4
0.000762939453125	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.4	94.8	95.4	95.9	96.5
0.0003814697265625	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.7	95.5	96.5	97.3	98.0
0.00019073486328125	45.9	51.8	60.6	74.3	78.5	80.1	85.8	89.6	90.9	93.3	94.7	95.5	96.5	97.3	98.0

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-1000

		VISIBILITY (STATUTE MILES)																							
		OR (HUNDREDS OF METERS)																							
CEILING	FEET	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
1000	1000	13.9	16.8	14.3	21.7	21.7	21.9	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
900	900	19.6	23.0	25.1	28.4	29.6	29.8	30.0	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
800	800	19.9	23.3	25.4	28.7	29.9	30.1	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
700	700	20.1	23.5	25.6	28.9	30.1	30.3	30.5	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
600	600	20.2	23.7	25.7	29.0	30.2	30.4	30.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
500	500	20.5	24.4	26.6	29.9	31.2	31.4	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
400	400	21.7	25.8	28.1	31.6	32.9	33.1	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
300	300	22.2	26.2	28.5	32.0	33.3	33.5	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
200	200	24.8	29.2	32.1	36.1	37.4	37.6	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
100	100	25.8	30.4	33.2	37.8	39.1	39.4	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
0	0	25.8	30.4	33.2	37.8	39.1	39.4	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
1000	1000	26.1	30.9	33.9	38.6	40.3	40.8	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
900	900	27.5	32.3	35.7	40.6	42.7	43.2	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
800	800	30.3	35.9	38.9	44.9	47.1	47.8	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
700	700	33.7	39.1	42.5	48.8	51.7	52.2	52.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
600	600	40.4	46.8	50.6	57.4	59.9	60.9	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
500	500	42.3	48.7	53.7	60.4	63.0	64.0	64.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
400	400	45.1	52.3	57.2	65.4	68.2	69.1	70.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
300	300	45.6	52.7	58.7	66.1	68.9	69.9	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
200	200	49.0	56.3	62.7	71.8	74.8	75.8	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
100	100	49.4	59.1	66.0	77.7	81.2	82.4	83.8	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
0	0	49.5	59.5	66.6	78.8	82.6	83.9	85.3	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1000	1000	49.6	60.1	67.2	80.4	84.8	86.1	88.0	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
900	900	49.7	60.2	67.4	81.3	86.0	87.5	89.5	93.7	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
800	800	49.7	60.2	67.5	81.7	86.6	88.7	91.1	94.0	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
700	700	49.7	60.2	67.7	82.0	87.0	88.7	91.8	94.7	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
600	600	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.4	96.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500	500	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.5	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400	400	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.5	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300	300	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.5	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	200	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.5	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	100	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.5	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	0	49.7	60.2	67.7	82.0	87.0	88.7	92.0	95.5	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 937

CEILING VERSUS VISIBILITY

4-9

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

US80-17618-1

CP (HUNDREDS OF MATTERS)

	GF7.0	GF7.1	GF7.2	GF7.3	GF7.4	GF7.5	GF7.6	GF7.7	GF7.8	GF7.9	GF8.0	GF8.1	GF8.2	GF8.3	GF8.4	GF8.5	GF8.6	GF8.7	GF8.8	GF8.9	GF9.0	GF9.1	GF9.2	GF9.3	GF9.4	GF9.5	GF9.6	GF9.7	GF9.8	GF9.9	GF10.0	GF10.1	GF10.2	GF10.3	GF10.4	GF10.5	GF10.6	GF10.7	GF10.8	GF10.9	GF11.0	GF11.1	GF11.2	GF11.3	GF11.4	GF11.5	GF11.6	GF11.7	GF11.8	GF11.9	GF12.0	GF12.1	GF12.2	GF12.3	GF12.4	GF12.5	GF12.6	GF12.7	GF12.8	GF12.9	GF13.0	GF13.1	GF13.2	GF13.3	GF13.4	GF13.5	GF13.6	GF13.7	GF13.8	GF13.9	GF14.0	GF14.1	GF14.2	GF14.3	GF14.4	GF14.5	GF14.6	GF14.7	GF14.8	GF14.9	GF15.0	GF15.1	GF15.2	GF15.3	GF15.4	GF15.5	GF15.6	GF15.7	GF15.8	GF15.9	GF16.0	GF16.1	GF16.2	GF16.3	GF16.4	GF16.5	GF16.6	GF16.7	GF16.8	GF16.9	GF17.0	GF17.1	GF17.2	GF17.3	GF17.4	GF17.5	GF17.6	GF17.7	GF17.8	GF17.9	GF18.0	GF18.1	GF18.2	GF18.3	GF18.4	GF18.5	GF18.6	GF18.7	GF18.8	GF18.9	GF19.0	GF19.1	GF19.2	GF19.3	GF19.4	GF19.5	GF19.6	GF19.7	GF19.8	GF19.9	GF20.0	GF20.1	GF20.2	GF20.3	GF20.4	GF20.5	GF20.6	GF20.7	GF20.8	GF20.9	GF21.0	GF21.1	GF21.2	GF21.3	GF21.4	GF21.5	GF21.6	GF21.7	GF21.8	GF21.9	GF22.0	GF22.1	GF22.2	GF22.3	GF22.4	GF22.5	GF22.6	GF22.7	GF22.8	GF22.9	GF23.0	GF23.1	GF23.2	GF23.3	GF23.4	GF23.5	GF23.6	GF23.7	GF23.8	GF23.9	GF24.0	GF24.1	GF24.2	GF24.3	GF24.4	GF24.5	GF24.6	GF24.7	GF24.8	GF24.9	GF25.0	GF25.1	GF25.2	GF25.3	GF25.4	GF25.5	GF25.6	GF25.7	GF25.8	GF25.9	GF26.0	GF26.1	GF26.2	GF26.3	GF26.4	GF26.5	GF26.6	GF26.7	GF26.8	GF26.9	GF27.0	GF27.1	GF27.2	GF27.3	GF27.4	GF27.5	GF27.6	GF27.7	GF27.8	GF27.9	GF28.0	GF28.1	GF28.2	GF28.3	GF28.4	GF28.5	GF28.6	GF28.7	GF28.8	GF28.9	GF29.0	GF29.1	GF29.2	GF29.3	GF29.4	GF29.5	GF29.6	GF29.7	GF29.8	GF29.9	GF30.0	GF30.1	GF30.2	GF30.3	GF30.4	GF30.5	GF30.6	GF30.7	GF30.8	GF30.9	GF31.0	GF31.1	GF31.2	GF31.3	GF31.4	GF31.5	GF31.6	GF31.7	GF31.8	GF31.9	GF32.0	GF32.1	GF32.2	GF32.3	GF32.4	GF32.5	GF32.6	GF32.7	GF32.8	GF32.9	GF33.0	GF33.1	GF33.2	GF33.3	GF33.4	GF33.5	GF33.6	GF33.7	GF33.8	GF33.9	GF34.0	GF34.1	GF34.2	GF34.3	GF34.4	GF34.5	GF34.6	GF34.7	GF34.8	GF34.9	GF35.0	GF35.1	GF35.2	GF35.3	GF35.4	GF35.5	GF35.6	GF35.7	GF35.8	GF35.9	GF36.0	GF36.1	GF36.2	GF36.3	GF36.4	GF36.5	GF36.6	GF36.7	GF36.8	GF36.9	GF37.0	GF37.1	GF37.2	GF37.3	GF37.4	GF37.5	GF37.6	GF37.7	GF37.8	GF37.9	GF38.0	GF38.1	GF38.2	GF38.3	GF38.4	GF38.5	GF38.6	GF38.7	GF38.8	GF38.9	GF39.0	GF39.1	GF39.2	GF39.3	GF39.4	GF39.5	GF39.6	GF39.7	GF39.8	GF39.9	GF40.0	GF40.1	GF40.2	GF40.3	GF40.4	GF40.5	GF40.6	GF40.7	GF40.8	GF40.9	GF41.0	GF41.1	GF41.2	GF41.3	GF41.4	GF41.5	GF41.6	GF41.7	GF41.8	GF41.9	GF42.0	GF42.1	GF42.2	GF42.3	GF42.4	GF42.5	GF42.6	GF42.7	GF42.8	GF42.9	GF43.0	GF43.1	GF43.2	GF43.3	GF43.4	GF43.5	GF43.6	GF43.7	GF43.8	GF43.9	GF44.0	GF44.1	GF44.2	GF44.3	GF44.4	GF44.5	GF44.6	GF44.7	GF44.8	GF44.9	GF45.0	GF45.1	GF45.2	GF45.3	GF45.4	GF45.5	GF45.6	GF45.7	GF45.8	GF45.9	GF46.0	GF46.1	GF46.2	GF46.3	GF46.4	GF46.5	GF46.6	GF46.7	GF46.8	GF46.9	GF47.0	GF47.1	GF47.2	GF47.3	GF47.4	GF47.5	GF47.6	GF47.7	GF47.8	GF47.9	GF48.0
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TOTAL NUMBER OF OBSERVATIONS 23

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH PAF UK
STATION NAME

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-1959

VISIBILITY	VISIBILITY - STATUTE MILES										OR (HUNDREDS OF METERS)									
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150
1000	15.5	19.5	27.1	21.2	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
900	21.9	26.5	27.2	28.7	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
800	21.9	26.6	27.3	28.9	29.7	29.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
700	21.9	26.7	27.4	29.0	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
600	22.2	26.9	27.6	29.2	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
500	23.1	28.1	28.8	30.4	31.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
400	23.9	29.2	30.0	31.7	32.5	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
300	24.3	30.2	31.0	32.7	33.4	33.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
200	29.6	34.4	35.2	37.0	37.7	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
100	39.1	34.9	35.7	37.8	38.6	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
000	29.5	35.3	36.1	38.2	38.9	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
1000	31.3	37.3	39.1	40.3	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
900	33.5	40.2	41.1	43.3	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
800	32.8	47.3	48.1	50.9	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
700	46.7	54.7	55.3	58.4	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
600	53.7	62.2	63.0	67.3	68.5	68.5	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
500	56.3	66.6	67.9	72.8	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
400	61.7	71.3	74.1	79.7	80.6	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
300	61.3	72.5	75.4	81.5	82.6	82.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
200	63.8	75.2	78.5	84.3	86.8	86.8	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
100	65.3	77.3	81.7	88.2	91.0	91.0	91.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
000	65.4	77.4	81.5	88.4	91.2	91.2	91.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1000	65.4	77.5	81.6	88.6	91.5	91.5	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
900	65.5	77.8	82.2	89.5	92.8	92.8	93.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
800	65.6	78.7	82.4	90.3	93.7	93.7	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
700	65.6	78.0	82.4	90.3	93.8	93.8	94.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
600	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
500	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
400	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
300	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
200	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
100	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
000	65.6	78.0	82.4	90.5	94.1	94.1	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70931 LAKENHEATH RAF UK

74-83

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1952

		VISIBILITY - STATUTE MILES																QP (HUNDREDS OF METERS)															
		GE01	GE02	GE03	GE04	GE05	GE06	GE07	GE08	GE09	GE10	GE11	GE12	GE13	GE14	GE15	GE16	GE17	GE18	GE19	GE20	GE21	GE22	GE23	GE24	GE25							
0-100	FEET	24.2	29.2	29.2	31.1	31.7	31.7	32.7	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9							
100-200	FEET	22.9	34.6	35.9	37.5	38.3	38.3	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8							
200-300	FEET	29.8	34.6	35.9	37.5	38.3	38.3	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8							
300-400	FEET	28.8	34.6	35.9	37.5	38.3	38.3	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8							
400-500	FEET	28.9	34.7	36.7	37.6	38.4	38.4	39.2	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9							
500-600	FEET	29.4	35.5	37.7	38.7	39.5	39.5	40.3	40.9	41.7	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4							
600-700	FEET	30.6	36.8	38.4	40.1	40.9	40.9	41.7	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4							
700-800	FEET	31.3	37.8	39.5	41.2	41.9	41.9	42.8	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4							
800-900	FEET	35.2	42.5	44.7	46.5	46.9	46.9	47.6	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3							
900-1000	FEET	36.2	43.7	45.7	47.4	48.2	48.2	49.7	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7							
1000-1100	FEET	36.6	44.0	46.7	47.7	49.6	48.6	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1							
1100-1200	FEET	33.7	46.2	48.3	50.2	51.1	51.1	51.9	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7							
1200-1300	FEET	41.9	48.9	52.2	54.2	55.4	55.4	56.2	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0							
1300-1400	FEET	45.1	54.7	57.7	59.0	60.7	60.7	61.1	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8							
1400-1500	FEET	49.9	56.6	61.1	63.2	64.6	64.6	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7							
1500-1600	FEET	54.7	63.2	66.1	68.9	70.6	70.6	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3							
1600-1700	FEET	55.9	65.4	68.6	72.2	74.0	74.0	74.8	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7							
1700-1800	FEET	57.3	66.7	70.7	77.8	79.8	79.8	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7							
1800-1900	FEET	58.2	69.1	73.1	78.7	80.9	80.9	81.9	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9							
1900-2000	FEET	60.7	71.5	76.6	82.7	84.8	84.8	86.5	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5							
2000-2100	FEET	61.4	73.2	79.7	86.2	88.6	88.6	91.0	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3							
2100-2200	FEET	61.7	73.5	79.7	87.0	89.5	89.5	92.0	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3							
2200-2300	FEET	61.7	73.7	79.9	87.3	89.8	89.8	92.2	92.7	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5							
2300-2400	FEET	61.9	73.9	80.2	88.1	90.9	91.3	93.9	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9							
2400-2500	FEET	61.9	74.0	81.1	89.0	92.2	92.9	95.5	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0							
2500-2600	FEET	61.9	74.0	81.1	89.1	92.3	93.0	95.6	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5							
2600-2700	FEET	61.9	74.0	81.1	89.4	92.5	93.2	96.1	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0							
2700-2800	FEET	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1							
2800-2900	FEET	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2							
2900-3000	FEET	61.9	74.0	81.2	89.5	92.6	93.3	96.2	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2							

TOTAL NUMBER OF OBSERVATIONS 932

GLOPCL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 175031 LAKENHEATH DAF JK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	29.8	34.1	34.8	36.6	37.7	37.5	38.4	38.8	38.8	38.9	38.9	38.9	38.9	38.9	39.0	39.0
900	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
800	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
700	31.3	36.6	37.7	39.9	40.8	41.1	42.0	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9
600	32.7	37.4	38.6	40.8	41.6	41.9	42.0	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.8	43.8
500	33.9	39.4	40.5	42.7	43.5	43.9	44.0	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7
400	36.0	42.4	43.7	45.9	46.8	47.1	48.2	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0
300	37.5	43.2	44.5	46.9	47.7	48.1	49.1	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0
200	37.5	43.2	44.5	46.9	47.7	48.1	49.1	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0
100	38.6	44.3	45.6	48.0	48.8	49.1	50.3	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.3	51.3
90	40.9	46.0	48.3	50.9	51.7	52.0	53.3	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4
80	45.3	51.5	53.3	55.9	56.8	57.1	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6
70	47.2	56.7	58.4	61.3	62.5	62.9	64.2	64.9	65.7	65.3	65.7	65.3	65.3	65.3	65.4	65.4
60	52.5	59.6	62.7	65.6	66.8	67.2	69.5	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7
50	54.8	62.4	64.0	68.8	70.0	70.4	71.7	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9
40	58.1	66.7	70.3	74.6	75.9	76.3	77.6	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
30	58.5	67.1	71.8	75.4	76.7	77.1	78.5	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
20	61.5	69.1	73.0	77.8	79.1	79.6	81.1	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4
10	63.0	72.8	77.8	83.3	84.8	85.3	87.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
900	64.0	74.1	80.1	86.2	88.1	88.5	90.2	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
800	64.2	74.3	80.6	86.8	88.6	89.1	90.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
700	64.3	74.4	81.0	87.3	89.4	90.2	91.9	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3
600	64.6	74.9	81.6	88.4	90.6	91.6	94.0	95.7	96.3	96.5	96.5	96.5	96.5	96.5	96.7	96.7
500	64.7	75.2	81.8	88.6	90.9	91.8	94.2	96.1	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1
400	64.7	75.3	82.0	89.1	91.5	92.5	94.9	97.0	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1
300	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
200	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.1	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
100	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
90	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
80	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
70	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
60	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
50	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
40	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
30	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
20	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5
10	64.7	75.3	82.0	89.1	91.5	92.5	95.1	97.3	98.6	98.7	98.9	99.0	99.0	99.0	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
75631

LAKENHEATH RAF UK

74-83

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	200	180	160	140	120	100	90	80	70	60	50	40	30	20	10	5	3	2	1
21000	19.7	23.7	25.1	27.0	27.7	27.9	28.6	29.0	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.3	29.4		
20000	23.7	28.1	29.8	32.2	33.1	33.3	34.2	34.7	34.8	35.0	35.0	35.0	35.0	35.0	35.1	35.2	35.2	35.2		
18000	23.3	28.2	29.9	32.3	33.2	33.4	34.3	34.9	34.9	35.1	35.1	35.1	35.2	35.2	35.2	35.3	35.3	35.4		
16000	23.8	28.2	30.7	32.3	33.2	33.4	34.4	34.9	35.7	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3	35.4		
14000	23.9	28.3	30.1	32.4	33.3	33.5	34.5	35.0	35.7	35.2	35.2	35.3	35.3	35.3	35.4	35.4	35.4	35.5		
12000	24.3	28.9	30.7	33.1	34.7	34.2	35.2	35.7	35.7	35.9	35.9	36.0	36.0	36.0	36.0	36.1	36.1	36.2		
10000	25.2	29.9	31.8	34.3	35.2	35.4	36.3	36.9	37.7	37.1	37.2	37.2	37.2	37.2	37.3	37.4	37.4	37.4		
9000	25.2	30.7	32.6	35.1	36.7	36.2	37.2	37.7	37.8	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8		
8000	29.3	34.3	36.4	39.1	40.1	40.3	41.3	41.8	41.9	42.1	42.1	42.1	42.1	42.2	42.2	42.3	42.4	42.4		
7000	37.2	35.4	37.5	40.5	41.5	41.7	42.7	43.2	43.3	43.5	43.5	43.6	43.6	43.6	43.7	43.8	43.9	43.9		
6000	37.4	35.7	37.8	40.7	41.8	42.0	43.0	43.5	43.6	43.8	43.8	43.9	43.9	43.9	44.0	44.1	44.2	44.2		
5000	31.7	37.1	39.5	42.4	43.4	43.7	44.7	45.3	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.8	45.9	45.9		
4500	33.9	39.6	42.7	45.3	46.5	46.8	47.9	48.6	48.7	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.3	49.3		
4000	38.3	44.5	47.1	50.7	52.0	52.4	53.6	54.3	54.4	54.6	54.6	54.7	54.7	54.7	54.8	54.9	55.0	55.0		
3500	42.3	49.0	51.8	55.9	57.4	57.8	59.1	59.8	59.9	60.1	60.2	60.2	60.2	60.3	60.3	60.4	60.5	60.5		
3000	47.1	54.4	57.5	62.7	63.6	64.0	65.3	66.1	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.7	66.8	66.8		
2500	49.4	57.7	60.5	65.5	67.3	67.7	69.7	69.8	69.9	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.5	70.5		
2000	52.5	61.0	65.4	71.1	73.1	73.5	75.7	75.9	76.1	76.3	76.4	76.4	76.4	76.5	76.6	76.7	76.7	76.7		
1800	53.1	61.6	66.1	72.1	74.1	74.6	76.2	77.7	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.9	77.9		
1500	55.5	64.5	69.7	76.2	78.4	78.9	80.7	81.6	81.9	82.1	82.2	82.2	82.2	82.3	82.4	82.4	82.6	82.6		
1200	57.3	66.9	72.8	80.3	82.8	83.4	85.5	86.6	86.9	87.2	87.2	87.3	87.3	87.4	87.5	87.6	87.6	87.6		
1000	57.7	67.5	73.8	81.7	84.4	85.0	87.3	88.5	88.9	89.2	89.2	89.3	89.3	89.4	89.5	89.6	89.6	89.6		
900	57.9	67.7	74.2	82.3	85.1	85.8	88.2	89.7	90.1	90.4	90.5	90.6	90.6	90.7	90.8	90.9	90.9	90.9		
800	58.7	68.0	74.7	83.2	86.4	87.2	89.9	91.7	92.2	92.6	92.7	92.8	92.8	92.9	93.0	93.1	93.1	93.1		
700	58.1	68.2	75.1	84.0	87.4	88.4	91.2	93.2	93.7	94.1	94.3	94.4	94.4	94.5	94.6	94.8	94.8	94.8		
600	58.3	68.4	75.3	84.4	87.9	88.9	92.0	94.2	94.8	95.3	95.4	95.5	95.6	95.7	95.8	95.9	95.9	95.9		
500	58.3	68.5	75.5	85.0	88.6	89.7	92.9	95.4	96.0	96.5	96.8	96.9	97.0	97.2	97.3	97.4	97.4	97.4		
400	58.4	68.5	75.6	85.2	88.8	89.9	93.2	95.9	96.7	97.4	97.7	97.8	97.9	98.1	98.2	98.3	98.3	98.3		
300	58.4	68.5	75.6	85.3	88.8	89.9	93.3	96.0	96.9	97.6	98.0	98.2	98.3	98.5	98.6	98.8	98.8	98.8		
200	58.4	68.5	75.6	85.3	88.9	89.9	93.3	96.1	96.9	97.7	98.1	98.4	98.6	99.0	99.2	99.4	99.4	99.4		
100	58.4	68.5	75.6	85.3	88.9	89.9	93.3	96.1	96.9	97.7	98.1	98.4	98.7	99.2	99.4	99.9	99.9	99.9		
0	58.4	68.5	75.6	85.3	88.9	89.9	93.3	96.1	96.9	97.7	98.2	98.4	98.8	99.2	99.4	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKEHURST AFB TX

YEAR: 74-67

SPOT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64
NO CEILING	36.9	31.7	35.1	37.4	37.8	37.8	39.1	39.4	39.4	39.8	39.9	39.9	40.2	40.2	40.2	40.7
≥ 20000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 18000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 16000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 14000	31.7	36.8	40.2	42.8	43.2	43.2	44.6	44.9	44.9	45.3	45.4	45.4	45.6	45.8	45.8	46.2
≥ 12000	32.7	37.9	41.6	44.1	44.6	44.6	45.9	46.2	46.2	46.7	46.8	46.8	46.9	47.1	47.1	47.6
≥ 10000	32.9	38.1	41.9	44.3	44.8	44.8	46.1	46.4	46.4	46.9	47.0	47.0	47.1	47.3	47.3	47.8
≥ 8000	35.8	41.0	44.8	48.1	49.0	49.0	50.3	50.7	50.7	51.1	51.2	51.2	51.3	51.6	51.6	52.0
≥ 7000	36.7	41.4	45.2	48.6	49.4	49.4	50.8	51.1	51.1	51.6	51.7	51.7	51.8	52.0	52.0	52.4
≥ 6000	36.7	42.1	45.2	49.6	50.4	50.4	51.8	52.1	52.1	52.6	52.7	52.7	52.8	53.0	53.0	53.4
≥ 5000	37.8	43.2	47.3	51.1	52.0	52.0	53.7	54.0	54.0	54.4	54.6	54.6	54.7	54.9	54.9	55.3
≥ 4500	40.8	46.3	50.4	54.8	56.2	56.3	58.1	58.4	58.4	58.9	59.0	59.0	59.1	59.3	59.3	59.8
≥ 4000	45.6	51.9	56.9	61.4	63.1	63.2	65.0	65.3	65.3	65.8	65.9	65.9	66.0	66.2	66.2	66.7
≥ 3500	47.6	54.9	59.9	64.7	66.3	66.4	68.2	68.6	68.6	69.0	69.1	69.1	69.2	69.4	69.4	69.9
≥ 3000	51.9	59.9	66.0	71.1	72.8	72.9	74.8	75.1	75.1	75.6	75.7	75.7	75.8	76.0	76.0	76.4
≥ 2500	54.1	62.4	69.2	74.6	76.2	76.3	78.2	78.6	78.6	79.3	79.4	79.4	79.6	79.8	79.8	80.2
≥ 2000	57.7	66.8	73.6	79.3	81.2	81.3	83.2	83.6	83.6	84.4	84.6	84.6	84.7	84.9	84.9	85.3
≥ 1800	57.9	67.2	74.0	79.9	81.8	81.9	83.8	84.1	84.1	85.0	85.1	85.1	85.2	85.4	85.4	85.9
≥ 1500	59.3	68.7	75.8	81.8	83.9	84.0	85.9	86.2	86.2	87.1	87.2	87.2	87.3	87.6	87.6	88.0
≥ 1200	60.6	70.2	77.8	84.0	86.2	86.3	88.2	88.6	88.6	89.4	89.6	89.6	89.7	89.9	89.9	90.3
≥ 1000	61.4	71.2	78.9	85.4	87.7	87.8	89.7	90.0	90.0	90.9	91.0	91.0	91.1	91.3	91.3	91.8
≥ 900	61.7	71.6	79.7	85.8	88.0	88.1	90.0	90.3	90.3	91.2	91.3	91.3	91.4	91.7	91.7	92.1
≥ 800	62.6	72.4	80.2	86.9	89.2	89.3	91.4	92.0	92.0	92.9	93.0	93.0	93.1	93.3	93.3	93.8
≥ 700	62.8	73.3	80.8	87.8	90.1	90.2	92.3	92.9	92.9	93.8	93.9	93.9	94.0	94.2	94.2	94.7
≥ 600	62.8	73.4	81.3	88.7	91.0	91.2	93.4	94.1	94.1	95.0	95.1	95.1	95.2	95.4	95.4	95.9
≥ 500	63.0	73.7	81.7	89.4	91.9	92.2	94.8	95.7	95.8	96.7	96.8	96.8	96.9	97.1	97.1	97.6
≥ 400	63.7	73.7	81.7	89.7	92.2	92.6	95.2	96.4	96.6	97.4	97.6	97.6	97.7	97.9	97.9	98.3
≥ 300	63.7	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.8	98.1	98.2	98.3	98.6	98.6	99.0
≥ 200	63.7	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.9	98.2	98.3	98.4	98.9	98.9	99.6
≥ 100	63.0	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.9	98.2	98.3	98.7	99.1	99.2	100.0
≥ 0	63.0	73.7	81.7	89.7	92.2	92.6	95.3	96.7	96.8	97.9	98.2	98.3	98.7	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 135931 LAKEHEATH RAF UK

74-87

8P3

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

320-3500

CEILING FEET	VISIBILITY: STATUTE MILES																OP (HUNDREDS OF METERS)			
	GE10	GE20	GE30	GE40	GE50	GE60	GE70	GE80	GE90	GE100	GE110	GE120	GE130	GE140	GE150	GE160	GE170	GE180	GE190	GE200
≥ 25000	18.9	22.0	24.7	29.2	29.4	29.9	31.3	32.2	32.3	32.7	32.9	33.1	33.4	33.6	34.2					
≥ 18000	22.2	25.6	28.6	33.3	33.7	34.1	35.6	36.4	36.6	37.0	37.2	37.3	37.4	37.9	38.7					
≥ 14000	22.2	25.6	28.7	33.4	33.8	34.2	35.7	36.6	36.7	37.1	37.3	37.4	37.6	38.0	38.1	38.8				
≥ 10000	22.2	25.6	28.7	33.4	33.8	34.2	35.7	36.6	36.7	37.1	37.3	37.4	37.6	38.0	38.1	38.8				
≥ 8000	22.6	26.2	29.6	34.4	34.8	35.2	36.8	37.7	37.8	38.2	38.4	38.6	38.7	39.1	39.2	39.9				
≥ 6000	22.8	26.4	29.9	34.9	35.2	35.7	37.2	38.1	38.2	38.7	38.9	39.0	39.1	39.6	39.7	40.3				
≥ 4000	25.8	29.7	33.2	38.9	39.4	39.9	41.7	42.7	42.8	43.2	43.4	43.6	43.7	44.1	44.2	44.9				
≥ 3000	26.7	30.4	34.1	40.0	40.6	41.0	42.9	43.9	44.0	44.4	44.7	44.8	44.9	45.3	45.4	46.1				
≥ 2000	26.1	30.8	34.4	40.3	40.9	41.3	43.2	44.2	44.3	44.8	45.0	45.1	45.2	45.7	45.8	46.4				
≥ 1500	28.6	33.3	37.2	43.3	43.9	44.3	46.2	47.2	47.3	48.1	48.3	48.4	48.6	49.0	49.1	49.8				
≥ 1000	31.1	36.3	40.8	47.0	47.6	48.3	50.6	51.6	51.7	52.4	52.7	52.8	52.9	53.3	53.4	54.1				
≥ 800	35.7	41.6	46.7	53.3	54.2	55.0	57.3	58.4	58.6	59.3	59.6	59.7	59.8	60.2	60.3	61.0				
≥ 600	37.6	44.1	49.2	56.7	57.6	58.3	60.8	61.9	62.0	62.8	63.0	63.1	63.2	63.7	63.8	64.4				
≥ 400	40.7	48.0	53.7	61.7	63.0	63.8	66.6	67.9	68.0	69.1	69.3	69.4	69.6	70.1	70.2	70.9				
≥ 300	43.2	51.4	57.4	66.1	67.6	68.3	71.1	72.4	72.6	73.7	74.0	74.1	74.2	74.9	75.0	75.7				
≥ 200	46.9	56.7	62.8	72.1	73.7	74.4	77.2	78.8	78.9	80.0	80.4	80.6	80.7	81.3	81.4	82.1				
≥ 150	46.9	56.7	62.8	72.2	73.8	74.6	77.3	78.9	79.0	80.1	80.6	80.7	80.9	81.4	81.6	82.2				
≥ 100	49.4	59.2	65.7	75.6	77.1	77.9	81.7	82.2	82.3	83.4	83.9	84.0	84.1	84.8	84.9	85.6				
≥ 700	50.4	60.6	67.2	77.6	79.2	80.0	82.9	84.4	84.6	85.7	86.1	86.2	86.3	87.0	87.1	87.8				
≥ 600	50.7	60.8	67.6	78.0	79.7	80.4	83.4	85.1	85.1	86.2	86.7	86.8	86.9	87.6	87.7	88.3				
≥ 500	51.2	61.3	68.2	78.9	80.6	81.3	84.3	85.9	86.0	87.1	87.6	87.7	87.8	88.4	88.6	89.2				
≥ 400	51.6	61.7	68.8	79.8	81.6	82.3	85.4	87.0	87.1	88.2	88.7	88.8	88.9	89.6	89.7	90.3				
≥ 300	51.6	61.7	68.8	79.9	81.7	82.4	85.8	87.4	87.6	88.7	89.1	89.2	89.3	90.0	90.1	90.8				
≥ 200	52.0	62.4	69.6	80.9	82.7	83.6	87.2	89.3	89.4	90.6	91.0	91.1	91.2	91.9	92.0	92.7				
≥ 100	52.1	62.6	70.0	81.4	83.4	84.3	88.6	90.7	90.9	92.1	92.6	92.7	92.8	93.4	93.6	94.2				
≥ 50	52.1	62.8	70.2	82.0	84.0	84.9	89.8	92.3	92.6	93.8	94.2	94.3	94.4	95.1	95.2	95.9				
≥ 30	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.3	95.9	96.0	96.1	96.8	96.9	97.6				
≥ 20	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.4	96.2	96.3	97.0	97.8	98.0	99.0				
≥ 10	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.4	96.2	96.3	97.0	97.9	98.3	100.0				
≥ 0	52.1	62.8	70.2	82.0	84.2	85.1	90.7	93.6	93.9	95.4	96.2	96.3	97.0	97.9	98.3	100.0				

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

500-5000
SCALE

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. FLYING	GT9	5090	GE8	GE60	GE48	GE4	GE32	GE24	GE2	GE16	GE1	GE10	GE03	GE05	GE04	GE0
20000	12.8	17.2	19.4	23.4	24.0	24.9	26.1	27.3	27.6	28.3	28.3	28.3	28.4	28.6	28.7	28.9
18000	15.3	20.3	23.1	29.3	32.7	30.0	31.6	33.1	33.3	34.1	34.1	34.2	34.3	34.4	34.7	34.8
16000	15.8	20.8	23.6	28.8	32.4	30.4	32.0	33.6	33.8	34.6	34.6	34.7	34.8	34.9	35.1	35.2
14000	15.8	20.8	23.6	28.8	32.4	30.4	32.0	33.6	33.8	34.6	34.6	34.7	34.8	34.9	35.1	35.2
12000	15.9	20.8	23.7	29.0	32.7	30.7	32.2	33.8	34.0	34.8	34.8	34.9	35.0	35.1	35.3	35.4
10000	16.3	21.6	24.4	30.1	31.8	31.8	33.3	34.9	35.1	35.9	35.9	36.0	36.1	36.2	36.4	36.6
8000	16.6	21.8	24.7	30.3	32.1	32.1	33.3	35.3	35.6	36.3	36.3	36.4	36.6	36.7	36.9	37.0
6000	18.1	23.4	26.6	33.6	35.6	35.7	37.3	39.9	39.1	39.9	39.9	40.0	40.1	40.2	40.4	40.6
5000	19.8	25.3	28.4	36.1	38.2	38.3	41.1	41.7	41.9	42.7	42.7	42.8	42.9	43.0	43.2	43.3
4500	20.0	25.6	28.8	36.7	38.9	39.0	41.2	42.8	43.0	43.9	43.9	44.0	44.1	44.2	44.4	44.6
4000	21.3	27.1	30.7	39.2	41.4	41.6	43.8	45.3	45.6	46.6	46.6	46.9	47.0	47.1	47.3	47.4
3500	23.4	30.1	34.3	43.9	46.3	46.7	49.1	51.1	51.3	52.3	52.3	52.7	52.8	52.9	53.1	53.2
3000	26.7	34.6	39.7	50.1	52.7	53.0	55.4	57.8	58.0	59.6	59.6	59.9	60.0	60.1	60.3	60.4
2500	29.2	37.7	43.0	54.1	56.9	57.2	59.8	62.3	62.6	64.1	64.1	64.4	64.6	64.7	64.9	65.0
2000	32.3	41.8	47.6	58.8	61.9	62.3	65.3	68.4	68.7	70.3	70.3	70.7	70.8	70.9	71.1	71.2
1800	35.6	45.4	51.4	63.1	66.3	66.8	69.9	73.0	73.2	74.9	74.9	75.2	75.3	75.4	75.7	75.8
1600	38.8	50.0	56.3	69.0	72.3	72.8	75.9	79.0	79.2	81.0	81.0	81.3	81.4	81.6	81.8	81.9
1400	39.1	50.8	57.1	69.8	73.1	73.6	76.7	79.8	80.0	81.8	81.8	82.1	82.2	82.3	82.6	82.7
1200	40.3	52.4	59.0	72.2	75.9	76.4	79.7	82.8	83.0	84.8	84.8	85.1	85.2	85.3	85.6	85.7
1000	40.8	53.1	59.7	73.3	77.1	77.8	81.0	84.1	84.3	86.1	86.1	86.4	86.6	86.7	86.9	87.0
900	41.1	53.7	60.2	74.3	78.1	78.9	82.1	85.2	85.4	87.2	87.2	87.6	87.7	87.8	88.0	88.1
800	41.2	54.0	60.7	74.9	78.8	79.6	82.9	86.1	86.3	88.1	88.1	88.4	88.6	88.7	88.9	89.0
700	41.6	54.3	61.2	75.9	79.8	80.6	84.0	87.2	87.4	89.2	89.2	89.6	89.7	89.8	90.0	90.1
600	41.7	54.4	61.3	76.2	80.2	81.0	84.7	88.0	88.0	90.0	90.0	90.3	90.4	90.6	90.8	90.9
500	41.8	54.6	61.4	76.6	80.6	81.3	85.0	88.7	89.1	91.0	91.0	91.2	91.6	91.7	91.9	92.0
400	41.8	54.6	61.4	76.7	80.7	81.4	85.2	90.0	90.9	93.1	93.1	93.7	93.8	93.9	94.1	94.2
300	42.0	54.9	61.8	77.0	81.0	81.8	85.7	90.7	91.6	94.0	94.4	94.8	94.9	95.0	95.2	95.3
200	42.0	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.7	95.2	95.8	95.9	96.4	96.8	96.9
100	42.0	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.8	95.4	96.0	96.7	97.8	98.4	98.0
0	42.0	54.9	61.8	77.0	81.0	81.8	85.8	90.9	91.8	94.8	95.4	96.0	96.7	97.8	98.4	98.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35931

LAKENHEATH RAF UK

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

930-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	OD (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.1	20.7	22.6	25.0	25.3	25.6	26.1	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 20000	20.8	24.9	27.7	30.4	30.9	31.1	31.7	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 18000	21.1	25.2	27.3	30.8	31.2	31.4	32.0	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 16000	21.1	25.2	27.3	30.8	31.2	31.4	32.0	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000	21.2	25.3	27.4	30.9	31.3	31.6	32.1	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 12000	21.3	25.4	27.7	31.1	31.7	31.9	32.4	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 10000	22.0	26.1	28.6	32.0	32.6	32.8	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 9000	22.3	26.7	29.1	32.6	33.1	33.3	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 8000	24.4	28.8	31.3	35.3	36.0	36.2	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 7000	25.7	29.4	32.1	36.4	37.2	37.4	38.7	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 6000	25.4	30.1	32.8	37.2	38.3	38.6	39.1	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 5000	27.2	32.2	35.1	40.0	41.2	41.6	42.1	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500	29.2	34.8	37.7	43.1	44.7	45.0	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4000	34.3	40.9	44.1	49.7	51.2	51.6	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 3500	38.1	45.0	48.4	54.7	56.6	56.9	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3000	47.6	56.6	60.4	67.4	69.4	69.8	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	51.6	61.9	65.9	72.9	74.9	75.2	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	55.9	67.6	71.7	79.2	81.4	82.1	83.0	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	56.6	68.7	72.9	80.4	82.7	83.3	84.2	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	59.3	72.4	76.9	84.8	87.1	87.8	88.7	89.2	89.3	89.4	89.6	89.6	89.9	89.9	89.9	89.9
≥ 1200	60.4	74.0	78.8	87.1	89.6	90.2	91.2	91.8	91.9	92.0	92.1	92.1	92.4	92.4	92.4	92.4
≥ 1000	60.7	74.3	79.3	88.2	90.8	91.4	92.7	93.2	93.3	93.6	93.7	93.7	94.0	94.0	94.0	94.0
≥ 900	60.8	74.6	79.9	88.8	91.3	92.0	93.2	93.8	93.9	94.1	94.2	94.2	94.6	94.6	94.6	94.6
≥ 800	60.8	74.7	79.9	89.0	91.6	92.2	93.7	94.2	94.3	94.6	94.7	94.7	95.0	95.0	95.0	95.0
≥ 700	61.0	75.0	80.3	89.6	92.4	93.2	94.7	95.6	95.7	95.9	96.0	96.0	96.3	96.3	96.3	96.3
≥ 600	61.0	75.0	80.3	89.6	92.4	93.2	94.7	95.9	96.0	96.2	96.3	96.3	96.7	96.7	96.7	96.7
≥ 500	61.0	75.0	80.3	89.8	92.7	93.4	95.1	96.9	97.0	97.6	97.7	97.7	98.0	98.0	98.0	98.0
≥ 400	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.4	98.6	98.6	98.9	98.9	98.9	98.9
≥ 300	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.1	99.4	99.6	99.7	99.7
≥ 200	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.2	99.7	99.9	100.0	100.0
≥ 100	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.2	99.7	99.9	100.0	100.0
≥ 0	61.0	75.0	80.3	89.8	92.8	93.6	95.3	97.4	97.6	98.7	98.9	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	17.8	23.3	23.7	25.0	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 18000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 16000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 14000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 12000	22.6	28.2	28.7	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 10000	24.1	30.1	30.6	32.2	32.9	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 9000	24.3	30.6	31.0	32.8	33.4	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000	25.9	32.1	32.7	34.4	35.1	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 7000	26.7	32.9	33.4	35.2	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 6000	26.8	33.1	33.7	35.6	36.3	36.3	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 5000	28.7	35.7	36.4	38.3	39.1	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 4500	32.1	39.3	40.1	42.4	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 4000	47.3	49.3	50.7	53.2	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 3500	48.7	57.6	59.0	62.3	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3000	59.1	70.4	72.3	76.1	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	64.6	76.9	79.0	83.1	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	67.9	81.3	83.6	88.2	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	68.6	82.8	85.2	90.0	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	69.6	84.1	86.9	91.8	92.9	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	70.3	85.2	88.1	94.1	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	70.3	85.2	88.3	94.9	96.4	96.4	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	71.3	85.2	88.3	95.1	96.8	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	71.4	85.3	88.7	95.8	97.6	97.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	71.4	85.3	88.7	95.9	97.8	97.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	70.4	85.3	88.7	96.0	97.9	97.9	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	71.4	85.3	88.7	96.0	98.0	98.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	71.4	85.3	88.7	96.0	98.0	98.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	71.4	85.3	88.7	96.0	98.0	98.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	71.4	85.3	88.7	96.0	98.0	98.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	70.4	85.3	88.7	96.0	98.0	98.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	70.4	85.3	88.7	96.0	98.0	98.0	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 075P31 LAKENHEATH RAF UK

74-83

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
-0000-0100

CEILING FEET	VISIBILITY STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	≥9.0	≥8.0	≥7.0	≥6.0	≥5.0	≥4.0	≥3.0	≥2.0	≥1.0	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.03
> 20000	19.6	25.1	26.0	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 18000	25.9	32.2	33.4	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 16000	26.7	32.3	33.6	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 14000	26.7	32.3	33.6	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000	26.7	32.3	33.6	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000	27.0	33.3	34.6	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 9000	27.4	33.8	35.0	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 8000	37.9	37.4	39.7	40.3	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 7000	32.6	39.1	40.3	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000	32.8	39.3	40.8	42.6	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 5000	36.0	42.6	44.0	45.8	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500	39.3	46.1	48.0	50.1	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4000	49.3	56.8	59.7	62.1	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 3500	55.0	64.2	67.6	70.4	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	64.8	75.6	79.1	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	67.7	79.0	82.7	86.6	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	69.8	81.8	85.9	90.2	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	70.3	82.7	86.8	91.4	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	70.7	83.3	88.1	92.9	93.4	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	71.2	84.2	89.6	95.0	95.6	95.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	71.3	84.4	90.0	95.9	96.7	96.9	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	71.3	84.4	90.1	96.0	96.8	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	71.3	84.4	90.3	96.3	97.3	97.6	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	71.3	84.4	90.3	96.4	97.6	97.8	98.6	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	71.3	84.4	90.3	96.4	97.6	97.9	98.7	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

74-27

AP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

8-2-5000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																							
	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	5	2	1
21000	26.3	31.8	33.4	35.1	35.3	35.3	35.3	35.4	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
20000	33.5	39.9	42.1	44.7	44.3	44.3	44.3	44.4	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
19000	33.4	40.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
18000	33.8	41.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
17000	33.8	41.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
16000	33.8	41.1	42.3	44.2	44.6	44.6	44.6	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
15000	35.2	41.9	44.7	46.3	46.7	46.7	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
14000	35.8	42.4	44.9	47.2	47.8	47.8	47.8	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
13000	38.6	45.8	48.3	51.9	51.4	51.4	51.4	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
12000	39.6	46.9	49.6	52.1	52.7	52.7	52.7	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
11000	39.8	47.1	49.8	52.4	53.0	53.0	53.0	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
10000	41.0	49.4	52.1	55.3	55.9	55.9	55.9	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
9000	45.2	53.2	56.0	59.4	62.1	62.1	62.1	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
8000	52.7	61.7	65.0	69.0	69.8	69.8	69.8	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
7000	56.1	65.9	69.4	73.9	74.7	74.7	74.7	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
6000	61.3	72.6	76.3	81.2	82.2	82.2	82.2	82.4	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
5000	63.7	75.4	79.6	84.4	85.4	85.4	85.4	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
4500	65.4	77.7	82.6	88.0	89.1	89.1	89.1	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4000	65.7	77.9	82.9	88.3	89.4	89.4	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3500	65.7	78.6	84.1	89.9	91.1	91.1	91.1	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
3000	66.6	79.7	85.7	92.2	93.4	93.4	93.4	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2500	67.7	80.2	86.2	93.1	94.7	94.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2000	67.7	80.2	86.2	93.1	94.7	94.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1500	67.7	80.2	86.2	93.1	94.7	94.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1000	67.7	80.2	86.2	93.1	94.7	94.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
500	67.7	80.2	86.2	93.1	94.7	94.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0	67.7	80.2	86.2	93.1	94.7	94.7	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

4-21

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100-2322

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1971 LAKENHEATH RAF UK

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

	IN FEET OR METERS														
	100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
1.2	21.7	22.7	37.4	37.9	70.9	71.5	31.9	37.7	32.2	32.3	72.3	32.3	32.4	32.5	72.5
25.2	71.4	33.6	26.5	37.7	77.1	37.9	33.3	33.4	38.6	29.7	35.7	38.7	38.8	38.2	39.0
26.1	31.6	33.7	36.7	37.2	77.3	39.7	35.5	38.5	38.8	38.8	39.0	39.9	39.9	39.7	39.2
26.1	31.6	33.7	36.7	37.2	77.3	39.7	35.5	38.5	38.8	38.8	39.0	39.9	39.9	39.7	39.2
26.1	31.6	33.7	36.7	37.2	77.4	39.7	35.5	38.6	38.9	38.9	39.9	39.9	39.9	39.1	39.3
26.1	31.7	33.2	36.9	37.4	77.5	38.2	38.7	38.9	39.2	39.2	39.1	39.1	39.2	39.2	39.4
27.1	72.7	35.7	35.1	38.7	78.8	39.4	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.5	40.7
27.4	33.1	35.5	38.6	39.2	39.4	40.7	40.5	40.6	40.8	40.8	40.9	41.0	41.1	41.1	41.2
27.9	35.9	38.7	41.9	42.6	42.8	43.5	44.7	44.7	44.1	44.3	44.4	44.4	44.4	44.5	44.5
27.7	36.8	37.4	43.1	43.9	44.2	44.7	45.2	45.2	45.3	45.5	45.6	45.6	45.7	45.2	45.2
31.9	37.2	39.9	43.6	44.4	44.5	45.4	45.9	46.7	46.2	46.7	46.3	46.3	46.4	46.5	46.5
33.7	39.4	42.1	46.3	47.1	47.3	48.1	48.7	48.8	49.1	49.1	49.2	49.2	49.3	49.4	49.5
35.8	42.7	45.7	50.3	51.3	51.5	52.5	53.1	53.2	53.5	53.6	53.6	53.7	53.8	53.8	54.0
41.9	49.7	53.3	58.5	59.6	59.3	60.9	61.5	61.6	62.9	62.7	62.1	62.1	62.2	62.2	62.4
45.7	54.7	58.1	63.7	64.9	65.1	66.2	66.9	66.9	67.3	67.4	67.4	67.5	67.5	67.6	67.7
52.1	61.8	66.1	72.1	73.5	73.7	74.9	75.7	75.8	76.2	76.2	76.3	76.4	76.5	76.5	76.7
55.1	65.7	71.2	76.6	79.0	78.2	79.4	80.2	80.3	80.8	80.9	80.9	81.0	81.1	81.1	81.3
58.2	69.7	74.6	81.5	83.1	83.4	84.7	85.6	85.6	86.1	86.2	86.3	86.3	86.5	86.5	86.7
58.5	70.4	75.3	82.3	83.8	84.2	85.5	86.3	86.4	86.9	87.7	87.1	87.1	87.7	87.7	87.4
59.8	72.0	77.3	84.6	86.2	86.5	87.9	88.8	88.9	89.4	89.5	89.5	89.6	89.7	89.8	89.9
62.7	73.2	78.2	86.7	88.5	88.8	90.7	91.1	91.2	91.7	91.8	91.9	92.7	92.1	92.1	92.3
61.1	73.7	79.5	87.7	89.6	90.7	91.5	92.4	92.5	93.2	93.1	93.2	93.3	93.4	93.5	93.6
61.2	73.9	79.8	88.1	90.0	90.4	92.7	93.0	93.1	93.6	93.7	93.8	93.9	94.7	94.7	94.7
61.5	74.3	80.3	88.9	90.9	91.3	93.7	94.0	94.1	94.7	94.8	94.8	94.9	95.1	95.1	95.3
61.6	74.4	80.5	89.3	91.4	91.8	93.7	94.8	94.9	95.4	95.5	95.6	95.7	95.8	95.9	96.0
61.6	74.6	80.7	89.6	91.7	92.2	94.2	95.4	95.6	96.2	96.3	96.4	96.5	96.6	96.7	96.8
61.7	74.6	80.8	89.8	92.0	92.5	94.6	96.2	96.4	97.1	97.3	97.3	97.5	97.6	97.6	97.8
61.7	74.7	80.9	90.0	92.2	92.7	94.9	96.7	96.9	97.8	98.0	98.1	98.2	98.3	98.3	98.5
61.7	74.7	80.8	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.4	98.6	98.7	98.9	99.1	99.1
61.7	74.7	80.8	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.5	98.7	99.0	99.3	99.4	99.7
61.7	74.7	80.8	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.5	98.7	99.0	99.3	99.5	99.7
61.7	74.7	80.8	90.0	92.2	92.7	95.1	96.9	97.2	98.2	98.5	98.7	99.0	99.3	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 7199

CEILING VERSUS VISIBILITY

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1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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22 (4) NEEDS OF METRO

32.6	47.5	52.4	57.3	62.2	67.1	72.0	76.9	81.8	86.7	91.6	96.5	101.4	106.3	111.2	116.1	121.0	125.9	130.8	135.7	140.6	145.5	150.4	155.3	160.2	165.1	170.0	174.9	179.8	184.7	189.6	194.5	199.4	204.3	209.2	214.1	219.0	223.9	228.8	233.7	238.6	243.5	248.4	253.3	258.2	263.1	268.0	272.9	277.8	282.7	287.6	292.5	297.4	302.3	307.2	312.1	317.0	321.9	326.8	331.7	336.6	341.5	346.4	351.3	356.2	361.1	366.0	370.9	375.8	380.7	385.6	390.5	395.4	400.3	405.2	410.1	415.0	419.9	424.8	429.7	434.6	439.5	444.4	449.3	454.2	459.1	464.0	468.9	473.8	478.7	483.6	488.5	493.4	498.3	503.2	508.1	513.0	517.9	522.8	527.7	532.6	537.5	542.4	547.3	552.2	557.1	562.0	566.9	571.8	576.7	581.6	586.5	591.4	596.3	601.2	606.1	611.0	615.9	620.8	625.7	630.6	635.5	640.4	645.3	650.2	655.1	660.0	664.9	669.8	674.7	679.6	684.5	689.4	694.3	699.2	704.1	709.0	713.9	718.8	723.7	728.6	733.5	738.4	743.3	748.2	753.1	758.0	762.9	767.8	772.7	777.6	782.5	787.4	792.3	797.2	802.1	807.0	811.9	816.8	821.7	826.6	831.5	836.4	841.3	846.2	851.1	856.0	860.9	865.8	870.7	875.6	880.5	885.4	890.3	895.2	900.1	905.0	909.9	914.8	919.7	924.6	929.5	934.4	939.3	944.2	949.1	954.0	958.9	963.8	968.7	973.6	978.5	983.4	988.3	993.2	998.1	1003.0	1007.9	1012.8	1017.7	1022.6	1027.5	1032.4	1037.3	1042.2	1047.1	1052.0	1056.9	1061.8	1066.7	1071.6	1076.5	1081.4	1086.3	1091.2	1096.1	1101.0	1105.9	1110.8	1115.7	1120.6	1125.5	1130.4	1135.3	1140.2	1145.1	1150.0	1154.9	1159.8	1164.7	1169.6	1174.5	1179.4	1184.3	1189.2	1194.1	1199.0	1203.9	1208.8	1213.7	1218.6	1223.5	1228.4	1233.3	1238.2	1243.1	1248.0	1252.9	1257.8	1262.7	1267.6	1272.5	1277.4	1282.3	1287.2	1292.1	1297.0	1301.9	1306.8	1311.7	1316.6	1321.5	1326.4	1331.3	1336.2	1341.1	1346.0	1350.9	1355.8	1360.7	1365.6	1370.5	1375.4	1380.3	1385.2	1390.1	1395.0	1400.0	1404.9	1409.8	1414.7	1419.6	1424.5	1429.4	1434.3	1439.2	1444.1	1449.0	1453.9	1458.8	1463.7	1468.6	1473.5	1478.4	1483.3	1488.2	1493.1	1498.0	1502.9	1507.8	1512.7	1517.6	1522.5	1527.4	1532.3	1537.2	1542.1	1547.0	1551.9	1556.8	1561.7	1566.6	1571.5	1576.4	1581.3	1586.2	1591.1	1596.0	1600.9	1605.8	1610.7	1615.6	1620.5	1625.4	1630.3	1635.2	1640.1	1645.0	1649.9	1654.8	1659.7	1664.6	1669.5	1674.4	1679.3	1684.2	1689.1	1694.0	1698.9	1703.8	1708.7	1713.6	1718.5	1723.4	1728.3	1733.2	1738.1	1743.0	1747.9	1752.8	1757.7	1762.6	1767.5	1772.4	1777.3	1782.2	1787.1	1792.0	1796.9	1801.8	1806.7	1811.6	1816.5	1821.4	1826.3	1831.2	1836.1	1841.0	1845.9	1850.8	1855.7	1860.6	1865.5	1870.4	1875.3	1880.2	1885.1	1890.0	1894.9	1899.8	1904.7	1909.6	1914.5	1919.4	1924.3	1929.2	1934.1	1939.0	1943.9	1948.8	1
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TOTAL NUMBER OF OBSERVATIONS 24

USAF ETAC 0-14.510L A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

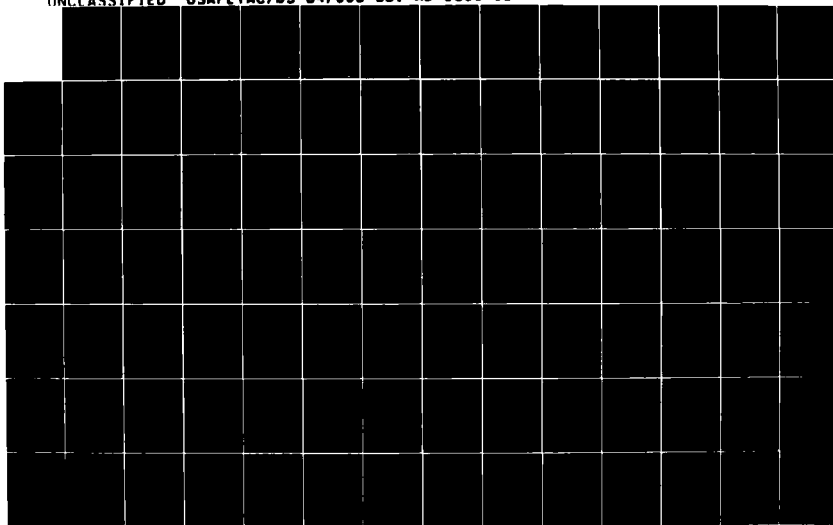
AD-A140 248

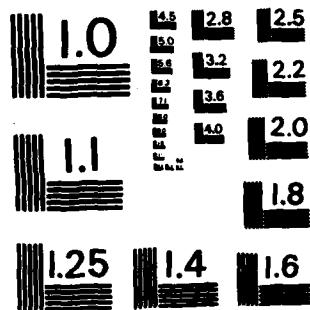
LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBS... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 01 MAR 84
USAFETAC/DS-84/008 SBI-AD-E850 824 F/G 4/2

3/5

UNCLASSIFIED

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 E090	≥5 GE80	≥4 GE60	≥3 GE48	≥2.5 GE40	≥2 GE32	≥1.5 GE24	≥1 GE16	≥.75 GE12	≥.5 GE10	≥.3 GE08	≥.25 GE06	≥.2 GE04	≥.15 GE03	≥.1 GE02
NO CEILING	16.8	29.0	33.2	37.3	38.5	38.9	40.6	40.7	40.9	41.3	41.6	41.9	42.1	42.6	42.6	43.6
≥ 20000	19.0	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 18000	19.7	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 16000	19.0	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 14000	19.7	32.6	37.6	42.3	43.7	44.1	45.8	45.9	46.1	46.6	47.1	47.3	47.5	48.0	48.0	49.0
≥ 12000	19.1	32.9	37.9	42.7	44.1	44.4	46.1	46.3	46.5	46.9	47.4	47.6	47.9	48.3	48.3	49.4
≥ 10000	20.0	34.0	39.1	44.2	45.6	45.9	47.6	47.8	48.0	48.4	48.9	49.1	49.4	49.8	49.8	50.9
≥ 9000	20.0	34.0	39.1	44.2	45.6	45.9	47.6	47.8	48.0	48.4	48.9	49.1	49.4	49.8	49.8	50.9
≥ 8000	22.7	37.6	43.8	49.3	51.7	51.1	52.8	52.9	53.2	53.6	54.2	54.4	54.7	55.1	55.1	56.3
≥ 7000	23.2	38.3	45.7	50.9	52.5	52.8	54.8	55.4	55.6	56.2	56.7	57.0	57.2	57.7	57.7	58.8
≥ 6000	23.4	38.6	45.3	51.2	52.8	53.2	55.1	55.7	55.9	56.5	57.1	57.3	57.6	58.0	58.0	59.2
≥ 5000	24.6	39.8	46.7	52.8	54.6	55.0	57.0	57.8	58.0	58.8	59.4	59.6	59.9	60.3	60.3	61.5
≥ 4500	27.1	43.4	50.6	57.4	59.7	60.2	62.2	63.0	63.2	64.0	64.6	64.8	65.1	65.5	65.5	66.7
≥ 4000	30.1	47.8	55.9	63.2	66.1	66.6	68.7	69.7	70.1	70.9	71.5	71.7	72.0	72.4	72.4	73.6
≥ 3500	31.4	49.5	57.8	65.2	68.1	68.5	71.0	72.0	72.4	73.2	73.8	74.0	74.3	74.7	74.7	75.9
≥ 3000	33.3	52.2	60.7	68.4	71.3	71.7	74.4	75.4	75.9	76.7	77.3	77.5	77.7	78.2	78.2	79.4
≥ 2500	34.0	53.7	62.3	70.0	73.1	73.6	76.2	77.4	77.9	78.7	79.2	79.5	79.7	80.2	80.2	81.3
≥ 2000	35.2	55.6	64.2	73.0	76.1	76.6	79.2	80.4	80.9	81.7	82.2	82.5	82.7	83.2	83.2	84.3
≥ 1800	35.5	56.1	64.7	73.5	76.6	77.0	79.7	80.9	81.3	82.1	82.7	82.9	83.2	83.6	83.6	84.8
≥ 1500	36.8	57.4	66.3	75.7	78.9	79.5	82.1	83.3	83.7	84.5	85.1	85.4	85.6	86.0	86.0	87.2
≥ 1200	37.3	58.5	67.9	77.4	80.7	81.3	84.4	85.6	86.0	86.9	87.4	87.7	87.9	88.4	88.4	89.5
≥ 1000	37.5	58.8	68.3	78.0	81.3	81.9	85.4	86.5	87.0	87.9	88.5	88.7	89.0	89.5	89.5	90.7
≥ 900	37.8	59.4	69.0	79.0	82.4	82.9	86.7	87.9	88.4	89.3	89.9	90.1	90.4	90.9	90.9	92.0
≥ 800	38.2	60.0	69.9	80.2	83.6	84.2	88.2	89.5	90.0	90.9	91.5	91.7	92.0	92.5	92.5	93.7
≥ 700	38.2	60.0	69.9	80.3	83.7	84.4	88.6	89.9	90.3	91.2	91.8	92.0	92.4	92.8	92.8	94.0
≥ 600	38.2	60.0	69.9	80.3	83.7	84.5	88.7	90.2	90.7	91.6	92.2	92.6	92.7	93.2	93.2	94.3
≥ 500	38.2	60.0	70.0	81.1	84.8	85.6	90.1	91.6	92.0	93.0	93.7	93.9	94.2	94.7	94.7	95.8
≥ 400	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.1	93.8	95.0	96.0	96.3	96.8	97.5	97.5	98.6
≥ 300	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	95.8	96.8	97.1	97.7	98.5	98.5	99.9
≥ 200	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	96.0	96.9	97.2	97.8	98.6	98.6	100.0
≥ 100	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	96.0	96.9	97.2	97.8	98.6	98.6	100.0
≥ 0	38.2	60.0	70.0	81.3	85.2	86.0	91.0	93.4	94.1	96.0	96.9	97.2	97.8	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 867

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

AKENHEATH RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-C800
HOURS - LT

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE40	≥2.5 GE40	≥2 GE32	≥1.5 GE24	≥1 GE16	≥0.5 GE12	≥0.25 GE10	≥0.15 GE08	≥0.1 GE05	≥0.05 GE04	≥0.025 GE04	≥0.01 GE00
NO CEILING	16.4	26.3	29.8	33.7	34.7	34.8	35.1	35.8	35.8	36.1	36.2	36.2	36.2	36.3	36.6	37.2
≥ 20000	19.7	31.4	35.6	40.3	41.5	41.6	41.9	42.5	42.5	43.0	43.2	43.2	43.2	43.3	43.5	44.2
≥ 18000	19.8	31.6	35.7	40.5	41.7	41.8	42.1	42.8	42.8	43.2	43.4	43.4	43.4	43.5	43.7	44.4
≥ 16000	19.8	31.6	35.7	40.5	41.7	41.8	42.1	42.8	42.8	43.2	43.4	43.4	43.4	43.5	43.7	44.4
≥ 14000	19.8	31.6	35.9	40.7	41.9	42.0	42.3	43.0	43.0	43.4	43.6	43.6	43.6	43.7	44.0	44.6
≥ 12000	19.8	31.6	36.0	40.8	42.0	42.1	42.4	43.1	43.1	43.5	43.7	43.7	43.7	43.9	44.1	44.7
≥ 10000	20.3	32.8	37.4	43.0	44.2	44.3	44.7	45.4	45.4	45.8	46.0	46.0	46.0	46.1	46.4	47.0
≥ 9000	20.6	33.3	38.0	43.5	44.8	44.9	45.4	46.0	46.0	46.5	46.7	46.7	46.7	46.8	47.0	47.7
≥ 8000	23.4	37.3	42.9	49.1	50.7	50.8	51.3	51.9	51.9	52.3	52.6	52.6	52.6	52.7	52.9	53.5
≥ 7000	24.6	38.8	44.5	51.4	53.2	53.3	53.9	54.5	54.5	55.2	55.4	55.4	55.4	55.5	55.7	56.4
≥ 6000	25.0	39.3	44.9	51.8	53.6	53.8	54.3	55.0	55.0	55.6	55.8	55.8	55.8	55.9	56.1	56.8
≥ 5000	26.7	41.7	47.7	54.8	57.0	57.1	57.9	58.5	58.5	59.4	59.6	59.6	59.6	59.7	60.0	60.6
≥ 4500	28.7	45.0	51.3	58.8	61.3	61.4	62.1	62.8	62.8	63.7	63.9	63.9	63.9	64.0	64.2	64.9
≥ 4000	31.4	48.7	55.6	64.3	67.1	67.2	68.3	69.2	69.2	70.4	70.6	70.6	70.6	70.7	70.9	71.6
≥ 3500	33.1	50.4	57.3	66.5	69.4	69.6	70.8	71.9	71.9	73.1	73.3	73.3	73.3	73.4	73.7	74.3
≥ 3000	35.6	53.2	60.6	70.0	73.2	73.6	75.1	76.3	76.3	77.5	77.7	77.7	77.7	77.8	78.0	78.7
≥ 2500	35.7	53.8	61.7	71.3	74.5	74.9	76.4	77.6	77.6	78.8	79.0	79.0	79.0	79.1	79.3	80.0
≥ 2000	36.8	55.4	63.7	73.8	77.3	77.6	79.1	80.3	80.3	81.5	82.0	82.0	82.0	82.2	82.4	83.0
≥ 1800	36.9	55.8	64.4	74.5	78.0	78.3	80.0	81.2	81.2	82.4	82.9	82.9	82.9	83.0	83.2	83.9
≥ 1500	38.1	57.3	66.5	77.4	81.6	81.9	83.6	84.8	84.8	86.0	86.5	86.5	86.5	86.6	86.8	87.5
≥ 1200	39.1	58.7	68.3	80.3	84.8	85.1	86.7	87.9	87.9	89.1	89.7	89.7	89.7	89.8	90.0	90.6
≥ 1000	39.5	59.3	69.0	82.5	87.1	87.4	89.2	90.6	90.6	91.8	92.4	92.4	92.4	92.5	92.7	93.4
≥ 900	39.8	59.7	69.4	83.4	88.0	88.4	90.2	91.6	91.6	92.8	93.4	93.4	93.4	93.5	93.7	94.3
≥ 800	39.9	59.8	69.5	83.7	88.4	88.7	90.6	92.1	92.1	93.3	93.8	93.8	93.8	93.9	94.1	94.8
≥ 700	39.9	59.8	69.6	83.8	88.6	89.0	91.1	92.8	92.8	94.2	94.9	94.9	94.9	95.0	95.1	95.8
≥ 600	40.0	60.0	69.7	84.0	89.0	89.4	91.5	93.3	93.3	94.7	95.3	95.3	95.3	95.4	95.5	96.4
≥ 500	40.0	60.1	69.9	84.3	89.7	90.2	92.4	94.3	94.3	96.0	96.6	96.6	96.6	96.7	96.8	97.7
≥ 400	40.0	60.2	70.0	84.4	89.8	90.3	92.5	94.9	94.9	96.8	97.7	97.7	97.7	97.8	97.9	98.8
≥ 300	40.0	60.2	70.0	84.4	89.8	90.3	92.5	94.9	94.9	97.3	98.2	98.2	98.2	98.3	98.4	99.5
≥ 200	40.0	60.2	70.0	84.4	89.8	90.3	92.5	94.9	94.9	97.4	98.3	98.3	98.3	98.4	98.5	99.7
≥ 100	40.0	60.2	70.0	84.4	89.8	90.3	92.5	95.0	95.0	97.5	98.4	98.4	98.4	98.5	98.6	99.9
≥ 0	40.0	60.2	70.0	84.4	89.8	90.3	92.5	95.0	95.2	97.5	98.4	98.4	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 919

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 LAKENHEATH RAF UK

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	18.7	26.9	28.2	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥20000	24.5	33.7	35.6	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥18000	24.6	33.8	35.7	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥16000	24.6	33.8	35.7	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥14000	24.6	33.8	35.7	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥12000	24.6	34.2	36.2	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥10000	25.6	35.8	37.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥9000	26.3	36.7	38.8	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥8000	28.9	40.5	42.8	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥7000	30.7	41.9	44.2	47.4	47.5	47.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥6000	30.0	41.9	44.2	47.6	47.7	47.7	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥5000	31.5	43.9	46.5	50.5	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥4500	33.7	46.7	49.3	53.5	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥4000	38.9	52.6	55.9	61.1	61.8	61.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥3500	43.2	57.5	60.8	66.1	66.8	66.8	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥3000	52.4	69.6	73.1	78.9	79.5	79.5	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥2500	54.7	73.1	76.9	82.9	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥2000	56.9	76.1	80.4	87.0	87.8	87.8	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥1800	57.8	77.3	81.7	88.5	89.2	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥1600	59.6	80.5	85.5	92.7	93.6	93.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥1400	60.0	81.3	86.9	94.6	95.4	95.5	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1200	60.3	81.7	87.4	95.4	96.5	96.6	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1000	60.5	81.9	87.6	95.6	96.7	96.8	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥900	60.5	81.9	87.7	96.2	97.3	97.4	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥800	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥700	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥600	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥400	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥300	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥200	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥100	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥0	60.5	81.9	87.7	96.4	97.6	97.7	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC FORM 14-5 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	20.7	27.9	28.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 20000	25.5	34.1	34.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 18000	25.9	34.5	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 16000	25.9	34.5	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 14000	26.0	34.6	35.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 12000	26.1	35.3	35.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 10000	26.7	35.9	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 9000	27.5	36.7	37.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 8000	30.5	40.5	41.6	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 7000	31.5	41.6	42.8	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 6000	31.5	41.6	42.8	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 5000	33.7	45.0	46.3	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 4500	35.6	48.5	49.8	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4000	43.2	57.6	59.7	61.1	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	49.5	65.4	66.9	69.2	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3000	61.9	79.5	81.4	84.2	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	63.5	81.9	83.8	87.0	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	66.7	86.3	88.5	91.9	92.6	92.6	92.6	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	67.2	86.9	89.2	92.7	93.4	93.4	93.4	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	68.5	88.3	91.1	95.1	95.9	95.9	95.9	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	69.7	89.9	92.8	97.1	97.8	97.8	97.8	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	69.8	90.0	92.9	97.3	98.0	98.0	98.0	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	69.8	90.0	92.9	97.4	98.1	98.1	98.1	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	69.9	90.1	93.0	97.5	98.5	98.5	98.5	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.0	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.9	90.1	93.0	97.7	98.7	98.7	98.7	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C35831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE06	≥5 GE05	≥4 GE04	≥3 GE03	≥2.5 GE025	≥2 GE02	≥1.5 GE015	≥1 GE01	≥0.5 GE005	≥0.25 GE0025	≥0.15 GE0015	≥0.1 GE001	≥0.05 GE0005	≥0.025 GE00025	≥0.015 GE00015
NO CEILING ≥ 20000	23.4	30.7	31.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 18000	29.1	38.6	39.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000	29.5	39.0	39.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 14000	30.1	39.5	40.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	30.4	40.1	40.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 10000	30.8	40.6	41.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	31.3	41.2	42.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 8000	34.4	44.9	46.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 7000	36.2	46.9	48.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	36.4	47.4	48.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 5000	40.2	52.0	53.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500	45.2	59.2	60.7	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4000	52.6	67.4	69.1	71.0	71.2	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3500	58.7	74.9	76.7	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	67.0	85.1	86.9	89.4	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	68.3	86.7	88.6	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	71.0	90.1	92.3	94.9	95.1	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	71.0	90.1	92.4	94.9	95.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	71.2	90.7	93.1	95.9	96.5	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	71.6	91.5	94.1	96.9	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	71.7	91.7	94.3	97.2	97.8	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	71.7	91.7	94.3	97.3	97.9	97.9	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	71.7	91.7	94.3	97.4	98.1	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC FORM 5-14-5 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES: OR (HUNDREDS OF METERS)															
	≥10 GE10	≥6 GE06	≥3 GE03	≥2 GE02	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01	≥1 GE01
NO CEILING ≥ 20000	29.7	40.6	41.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	36.4	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	36.4	49.0	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	36.5	49.5	50.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	36.6	49.9	51.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	36.9	50.4	51.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	37.3	50.9	52.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	42.4	56.6	58.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	43.9	59.0	61.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	44.2	59.8	61.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	46.8	62.7	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	49.7	66.8	69.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	56.1	74.1	77.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	58.5	77.2	80.9	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	64.2	83.9	87.8	90.7	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	65.5	85.5	89.5	92.5	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	66.2	86.9	91.1	94.2	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	66.3	87.4	91.6	94.8	95.4	95.4	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	66.4	87.7	92.2	95.6	96.5	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	66.6	88.0	92.5	96.2	97.2	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	66.6	88.0	92.5	96.3	97.3	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	66.6	88.0	92.5	96.3	97.3	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	66.6	88.0	92.7	96.7	97.7	97.8	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	66.6	88.0	92.7	96.7	97.7	97.8	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	66.6	88.0	92.7	96.8	97.9	98.0	98.7	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC FORM 6-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05
	GI90	FO90	GE80	GF60	GF48	GF40	GF32	GF24	GF20	GF16	GF12	GF10	GF08	GF05	GF03	GF01
NO CEILING	34.4	46.8	48.6	49.7	50.5	50.7	51.0	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
≥ 20000	37.5	51.2	53.5	54.6	55.4	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
IV 18000	37.5	51.2	53.5	54.6	55.4	55.7	55.9	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
IV 16000	37.5	51.3	53.6	54.8	55.5	55.8	56.0	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
IV 14000	37.7	51.7	54.1	55.2	56.0	56.2	56.4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
IV 12000	37.7	51.7	54.1	55.2	56.0	56.2	56.4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
IV 10000	38.3	52.5	55.0	56.1	56.9	57.1	57.3	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
IV 9000	38.4	52.6	55.2	56.3	57.1	57.3	57.6	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
IV 8000	40.6	55.5	58.5	59.8	60.7	60.9	61.1	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
IV 7000	41.5	57.3	60.5	61.9	62.8	63.0	63.3	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
IV 6000	42.1	57.9	61.0	62.5	63.4	63.6	63.8	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
IV 5000	43.7	60.4	63.7	65.4	66.4	66.6	66.9	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
IV 4500	47.7	65.7	69.2	71.1	72.1	72.3	72.6	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
IV 4000	55.1	73.8	77.8	80.1	81.1	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
IV 3500	56.4	76.3	80.9	83.3	84.3	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
IV 3000	59.7	80.0	84.8	87.2	88.2	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 2500	60.6	81.1	85.9	88.4	89.5	89.8	90.1	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
IV 2000	61.7	82.4	87.5	89.9	91.0	91.4	92.0	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
IV 1800	61.8	82.9	87.9	90.4	91.6	91.9	92.6	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1
IV 1500	62.2	83.5	88.8	91.4	92.6	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
IV 1200	63.3	85.3	90.8	93.4	94.6	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
IV 1000	63.4	85.6	91.2	93.7	95.0	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 900	63.4	85.7	91.3	93.8	95.1	95.4	96.1	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
IV 800	63.5	85.8	91.4	94.0	95.1	95.4	96.1	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
IV 700	63.5	85.9	91.9	95.0	96.2	96.5	97.6	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 600	63.5	85.9	91.9	95.0	96.2	96.5	97.9	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 500	63.5	85.9	91.9	95.0	96.3	96.6	98.2	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
IV 400	63.5	85.9	91.9	95.1	96.4	96.8	98.4	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
IV 300	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0
IV 200	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0
IV 100	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0
IV 0	63.5	85.9	91.9	95.1	96.4	96.8	98.5	99.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-1

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.7	33.8	35.8	37.7	38.2	38.3	38.7	38.9	38.9	39.0	39.1	39.1	39.2	39.3	39.3	39.6
≥ 20000	28.0	39.6	42.7	44.3	44.8	44.9	45.2	45.4	45.5	45.6	45.7	45.8	45.8	45.9	45.9	46.2
IV 18000	28.2	39.8	42.2	44.5	45.0	45.1	45.4	45.6	45.7	45.8	45.9	46.0	46.0	46.1	46.2	46.4
IV 16000	28.2	39.9	42.2	44.5	45.1	45.1	45.5	45.7	45.8	45.9	46.0	46.1	46.1	46.2	46.2	46.5
≥ 14000	28.3	40.1	42.4	44.8	45.3	45.3	45.7	45.9	46.0	46.1	46.2	46.3	46.3	46.4	46.4	46.7
≥ 12000	28.4	40.4	42.8	45.1	45.6	45.7	46.0	46.2	46.3	46.4	46.5	46.6	46.6	46.7	46.8	47.0
≥ 10000	29.0	41.3	43.8	46.3	46.8	46.9	47.3	47.5	47.5	47.7	47.8	47.8	47.9	47.9	48.0	48.2
IV 9000	29.4	41.7	44.3	46.8	47.4	47.4	47.8	48.0	48.1	48.2	48.3	48.4	48.4	48.5	48.5	48.8
≥ 8000	32.5	45.7	48.7	51.5	52.1	52.2	52.6	52.8	52.8	53.0	53.1	53.1	53.2	53.3	53.3	53.6
IV 7000	33.6	47.2	50.4	53.5	54.1	54.2	54.7	55.0	55.0	55.2	55.3	55.4	55.4	55.5	55.5	55.8
≥ 6000	33.9	47.6	50.8	53.9	54.5	54.6	55.1	55.4	55.4	55.6	55.7	55.8	55.8	55.9	55.9	56.2
IV 5000	35.8	50.2	53.6	56.9	57.7	57.8	58.3	58.6	58.7	58.9	59.0	59.1	59.1	59.2	59.3	59.5
≥ 4500	38.9	54.4	58.7	61.7	62.6	62.7	63.3	63.6	63.7	63.9	64.0	64.1	64.1	64.2	64.2	64.5
IV 4000	44.4	60.9	65.0	69.3	70.5	70.6	71.3	71.6	71.7	72.0	72.1	72.2	72.2	72.3	72.3	72.6
≥ 3500	47.6	64.9	69.2	73.6	74.8	75.0	75.7	76.1	76.2	76.5	76.6	76.7	76.7	76.8	76.8	77.1
IV 3000	53.4	72.0	76.5	81.3	82.5	82.7	83.5	84.0	84.1	84.3	84.5	84.5	84.6	84.6	84.7	84.9
≥ 2500	54.6	73.7	78.4	83.2	84.6	84.7	85.5	86.1	86.2	86.4	86.6	86.6	86.6	86.7	86.8	87.0
IV 2000	56.3	76.1	81.1	86.2	87.7	87.8	88.7	89.3	89.3	89.6	89.9	89.9	90.0	90.0	90.1	90.3
≥ 1800	56.6	76.6	81.7	86.8	88.3	88.4	89.3	89.9	90.0	90.3	90.5	90.5	90.6	90.7	90.7	91.0
IV 1500	57.5	77.8	83.2	88.8	90.5	90.7	91.6	92.1	92.2	92.5	92.7	92.8	92.8	92.9	93.0	93.2
≥ 1200	58.1	78.8	84.5	90.4	92.1	92.3	93.3	93.9	94.0	94.3	94.5	94.5	94.6	94.7	94.7	95.0
IV 1000	58.3	79.1	84.9	91.1	92.9	93.1	94.2	94.8	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.9
≥ 900	58.4	79.3	85.1	91.5	93.2	93.5	94.6	95.2	95.3	95.6	95.9	95.9	96.0	96.1	96.1	96.4
IV 800	58.5	79.4	85.4	92.0	93.9	94.1	95.3	96.0	96.1	96.5	96.7	96.7	96.8	96.9	96.9	97.2
≥ 700	58.5	79.5	85.5	92.2	94.1	94.4	95.7	96.4	96.6	96.9	97.2	97.2	97.3	97.4	97.4	97.7
IV 600	58.5	79.5	85.5	92.3	94.2	94.5	95.9	96.7	96.8	97.2	97.5	97.5	97.6	97.7	97.8	98.0
≥ 500	58.5	79.5	85.5	92.4	94.5	94.8	96.2	97.1	97.3	97.8	98.1	98.2	98.3	98.4	98.4	98.7
IV 400	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.5	97.8	98.3	98.7	98.8	98.9	99.1	99.1	99.4
≥ 300	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.7	99.1	99.2	99.3	99.5	99.6	99.9
IV 200	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.8	99.1	99.2	99.4	99.6	99.6	99.9
≥ 100	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.8	99.2	99.2	99.4	99.6	99.7	100.0
IV 0	58.5	79.5	85.6	92.5	94.6	94.9	96.5	97.7	98.0	98.8	99.2	99.2	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7191

USAF ETAC FORM 74-83 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(35831)
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

-700-8200
FOOT FEET

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	24.0	36.9	40.4	44.6	45.3	45.7	47.2	47.4	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6
≥ 20000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6
≥ 18000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6
≥ 16000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6
≥ 14000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6
≥ 12000	26.3	39.8	43.3	48.0	49.1	49.4	51.2	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6
≥ 10000	27.3	41.3	45.0	49.7	50.8	51.1	53.7	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 9000	27.8	41.8	45.8	50.4	51.6	51.9	53.9	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2
≥ 8000	31.6	46.7	52.8	55.9	57.1	57.4	59.3	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8
≥ 7000	31.7	47.3	51.7	56.8	58.7	58.3	60.2	60.4	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7
≥ 6000	31.8	47.4	51.8	56.9	58.1	58.4	60.3	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 5000	34.9	51.1	56.1	61.4	62.7	63.0	64.9	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3
≥ 4500	38.7	56.0	61.2	66.6	68.0	68.4	70.3	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8
≥ 4000	43.4	61.2	66.8	72.6	74.1	74.6	76.6	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1
≥ 3500	44.4	63.3	69.6	75.8	77.3	77.8	79.9	80.1	80.1	80.2	80.2	80.4	80.4	80.6	80.6	80.6
≥ 3000	46.8	65.9	72.3	79.0	80.7	81.1	83.7	83.9	83.9	84.0	84.0	84.2	84.2	84.3	84.3	84.3
≥ 2500	48.2	67.4	73.9	80.6	82.2	82.7	85.2	85.4	85.4	85.6	85.6	85.8	85.8	85.9	85.9	85.9
≥ 2000	49.4	69.0	75.6	82.4	84.2	84.7	87.2	87.4	87.4	87.6	87.6	87.8	87.8	87.9	87.9	87.9
≥ 1800	49.9	69.4	76.7	82.9	84.7	85.1	87.7	87.9	87.9	88.0	88.0	88.2	88.2	88.3	88.3	88.3
≥ 1500	51.8	71.6	78.2	85.1	86.9	87.3	89.9	90.1	90.1	90.2	90.2	90.4	90.4	90.6	90.6	90.6
≥ 1200	52.4	72.7	79.6	86.6	88.3	88.8	91.3	91.6	91.6	91.7	91.7	91.9	91.9	92.0	92.0	92.0
≥ 1000	52.8	73.0	80.0	87.0	88.8	89.2	91.8	92.1	92.1	92.2	92.2	92.4	92.4	92.6	92.6	92.6
≥ 900	52.9	73.7	80.8	87.9	89.7	90.1	92.7	93.0	93.0	93.1	93.1	93.3	93.3	93.4	93.4	93.4
≥ 800	53.4	74.6	81.7	89.0	90.8	91.2	93.8	94.2	94.2	94.3	94.3	94.6	94.6	94.7	94.7	94.7
≥ 700	53.4	74.8	81.9	89.6	91.3	91.8	94.3	94.8	94.8	94.9	94.9	95.1	95.1	95.2	95.2	95.2
≥ 600	53.4	75.2	82.3	90.3	92.1	92.6	95.1	95.6	95.6	95.7	95.7	95.9	95.9	96.0	96.0	96.0
≥ 500	53.4	75.2	82.4	90.4	92.4	93.2	96.1	96.6	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1
≥ 400	53.4	75.2	82.4	90.7	93.0	93.8	96.8	97.6	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1
≥ 300	53.4	75.2	82.4	90.7	93.0	93.8	97.2	98.0	98.1	98.2	98.2	98.4	98.4	98.6	98.6	98.6
≥ 200	53.4	75.2	82.4	90.7	93.0	93.8	97.3	98.3	98.7	98.9	98.9	99.1	99.1	99.3	99.3	99.3
≥ 100	53.4	75.2	82.4	90.7	93.0	93.8	97.3	98.3	98.7	99.0	99.0	99.2	99.2	99.4	99.4	99.4
≥ 0	53.4	75.2	82.4	90.7	93.0	93.8	97.3	98.3	98.7	99.0	99.0	99.2	99.2	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 300

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831 LAKENHEATH RAF UK

73-87

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING	11.6	20.0	23.9	29.9	32.1	32.6	34.9	36.5	37.1	37.8	37.9	38.0	38.0	38.2	38.4	38.7
≥ 20000	13.3	22.7	27.3	34.1	36.2	36.8	39.3	41.5	42.0	42.7	42.8	42.9	42.9	43.1	43.4	43.6
≥ 18000	13.3	22.7	27.3	34.1	36.2	36.8	39.3	41.5	42.0	42.7	42.8	42.9	42.9	43.1	43.4	43.6
≥ 16000	13.3	22.7	27.3	34.1	36.2	36.8	39.3	41.5	42.0	42.7	42.8	42.9	42.9	43.1	43.4	43.6
≥ 14000	13.4	22.8	27.4	34.2	36.3	36.9	39.4	41.6	42.1	42.8	42.9	43.0	43.0	43.2	43.5	43.7
≥ 12000	13.4	22.8	27.4	34.2	36.3	36.9	39.4	41.6	42.1	42.8	42.9	43.0	43.0	43.2	43.5	43.7
≥ 10000	14.3	23.7	28.5	35.4	37.8	38.3	41.7	43.1	43.8	44.5	44.6	44.7	44.7	44.9	45.3	45.5
≥ 9000	15.1	24.8	29.8	37.1	39.7	40.2	43.1	45.3	45.9	46.6	46.7	46.8	46.8	47.1	47.4	47.6
≥ 8000	16.5	27.0	32.5	40.0	42.7	43.4	46.3	48.5	49.2	49.8	49.9	50.1	50.1	50.4	50.7	50.9
≥ 7000	17.7	28.5	34.7	41.7	44.4	45.3	48.4	50.6	51.3	52.0	52.1	52.2	52.2	52.5	52.8	53.1
≥ 6000	18.2	29.1	34.5	42.2	44.9	45.8	48.9	51.2	51.8	52.5	52.6	52.7	52.7	53.2	53.5	53.7
≥ 5000	21.0	32.7	38.7	46.8	49.9	50.8	54.1	56.6	57.3	58.0	58.1	58.2	58.2	58.7	59.7	59.2
≥ 4500	25.8	38.9	45.1	53.7	57.1	58.2	61.8	64.5	65.3	65.9	66.7	66.1	66.1	66.6	66.9	67.2
≥ 4000	28.4	43.7	49.9	59.0	62.8	63.9	67.8	70.5	71.3	72.0	72.3	72.4	72.4	72.8	73.2	73.4
≥ 3500	29.2	44.9	52.3	61.6	65.5	66.7	71.1	73.7	74.5	75.2	75.5	75.6	75.6	76.1	76.5	76.9
≥ 3000	30.7	46.7	54.1	63.6	67.8	69.1	73.5	76.2	77.1	77.8	78.1	78.2	78.2	78.7	79.1	79.4
≥ 2500	31.4	47.6	55.2	65.0	69.3	70.5	75.0	77.7	78.5	79.2	79.6	79.7	79.7	80.1	80.6	80.9
≥ 2000	33.3	49.8	57.7	67.8	72.3	73.5	78.0	80.7	81.6	82.2	82.6	82.7	82.7	83.1	83.6	83.9
≥ 1800	33.5	50.3	58.2	68.5	73.0	74.2	78.7	81.3	82.2	82.9	83.2	83.4	83.4	83.8	84.2	84.6
≥ 1500	35.0	52.0	60.1	70.5	75.1	76.3	80.9	83.6	84.5	85.1	85.5	85.6	85.6	86.0	86.5	86.8
≥ 1200	36.2	53.6	61.8	72.4	77.0	78.2	82.8	85.5	86.4	87.0	87.4	87.5	87.5	87.9	88.4	88.7
≥ 1000	36.5	54.2	62.5	73.1	77.7	78.9	83.5	86.4	87.4	88.0	88.4	88.5	88.5	88.9	89.4	89.7
≥ 900	36.6	54.7	63.0	74.0	78.5	79.8	84.4	87.3	88.3	88.9	89.3	89.4	89.4	89.8	90.3	90.6
≥ 800	36.6	55.2	63.8	75.0	79.7	80.9	85.9	88.9	90.4	91.1	91.4	91.5	91.5	92.0	92.4	92.7
≥ 700	36.9	55.8	64.6	75.9	80.6	81.8	86.8	90.1	91.6	92.3	92.6	92.7	92.7	93.2	93.6	94.0
≥ 600	36.9	56.0	64.8	76.3	81.1	82.3	87.4	90.7	92.3	93.0	93.3	93.4	93.4	93.9	94.3	94.6
≥ 500	36.9	56.1	64.9	76.5	81.3	82.6	87.8	91.2	92.7	93.5	93.9	94.0	94.2	94.6	95.1	95.4
≥ 400	36.9	56.1	64.9	76.5	81.3	82.6	88.7	92.4	94.2	95.1	95.5	95.6	95.9	96.3	96.8	97.1
≥ 300	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.7	95.6	96.2	96.4	96.6	97.2	97.9	98.2
≥ 200	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.9	95.9	96.4	96.6	97.0	97.9	99.1	99.7
≥ 100	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.9	95.9	96.4	96.6	97.0	97.9	99.1	100.0
≥ 0	36.9	56.1	64.9	76.5	81.3	82.6	88.8	92.8	94.9	95.9	96.4	96.6	97.0	97.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 895

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-7800
FOOT

CEILING FEET	VISIBILITY STATUTE MILES															
	OP (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025
NO CEILING	14.2	23.8	27.3	32.9	34.8	35.1	36.4	36.8	36.9	37.7	37.0	37.0	37.0	37.0	37.1	37.2
≥ 20000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.9	44.0
≥ 18000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.9	44.0
≥ 16000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.9	44.0
≥ 14000	17.8	28.3	32.6	39.0	41.1	41.6	42.9	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.9	44.0
≥ 12000	17.9	28.4	32.9	39.3	41.4	41.9	43.2	43.9	44.0	44.1	44.2	44.2	44.2	44.2	44.3	44.4
≥ 10000	18.7	29.3	34.1	40.8	42.9	43.3	44.7	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.9
≥ 9000	19.7	30.6	35.4	42.7	44.8	45.2	46.7	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.9	48.0
≥ 8000	22.2	34.1	39.2	46.6	48.8	49.4	51.1	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.6
≥ 7000	22.9	35.3	40.6	48.1	50.3	51.0	52.7	53.6	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.1
≥ 6000	23.4	35.9	41.1	48.8	51.0	51.7	53.3	54.2	54.3	54.4	54.6	54.6	54.6	54.6	54.7	54.8
≥ 5000	25.8	38.7	44.3	52.1	54.3	55.1	56.9	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.4
≥ 4500	28.4	41.8	47.6	55.3	57.6	58.3	60.1	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.6	61.7
≥ 4000	32.9	47.0	53.8	62.4	65.0	65.8	67.8	68.9	69.0	69.1	69.4	69.4	69.4	69.4	69.6	69.7
≥ 3500	35.1	50.1	57.1	65.9	68.6	69.3	71.4	72.7	72.8	73.0	73.3	73.3	73.4	73.4	73.6	73.7
≥ 3000	36.7	52.4	59.6	68.8	71.6	72.4	74.8	76.0	76.1	76.3	76.7	76.7	76.8	76.8	76.9	77.0
≥ 2500	37.8	53.7	61.0	70.7	73.4	74.3	76.7	77.9	78.0	78.2	78.6	78.6	78.7	78.7	78.8	78.9
≥ 2000	39.7	56.0	63.3	73.3	76.2	77.1	79.6	81.0	81.1	81.3	81.7	81.7	81.8	81.8	81.9	82.0
≥ 1800	39.9	56.6	63.9	73.9	76.8	77.7	80.1	81.6	81.7	81.9	82.2	82.2	82.3	82.3	82.4	82.6
≥ 1500	41.4	58.3	65.9	76.2	79.1	80.0	82.4	84.1	84.2	84.4	84.8	84.8	84.9	84.9	85.0	85.1
≥ 1200	43.0	60.8	68.6	79.2	82.2	83.1	85.7	87.3	87.4	87.7	88.7	88.0	88.1	88.1	88.2	88.3
≥ 1000	43.3	61.9	69.8	80.6	83.7	84.7	87.3	89.3	89.4	89.7	90.0	90.0	90.1	90.1	90.2	90.3
≥ 900	43.3	62.1	70.1	81.3	84.6	85.7	88.4	90.6	90.7	90.9	91.2	91.2	91.3	91.3	91.4	91.6
≥ 800	43.3	62.4	70.4	81.8	85.1	86.2	89.6	92.0	92.1	92.3	92.7	92.7	92.8	92.8	92.9	93.0
≥ 700	43.4	63.0	71.2	82.6	86.2	87.4	91.0	93.8	93.9	94.1	94.4	94.4	94.6	94.6	94.7	94.8
≥ 600	43.4	63.1	71.6	83.1	86.8	88.7	91.7	94.6	94.8	95.1	95.4	95.4	95.6	95.6	95.7	95.8
≥ 500	43.4	63.1	71.6	83.2	87.0	88.2	92.2	95.4	95.7	96.0	96.3	96.3	96.4	96.4	96.6	96.7
≥ 400	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	96.9	97.3	97.6	97.7	97.8	97.9	98.2
≥ 300	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.4	98.0	98.3	98.4	98.7	98.8	99.1
≥ 200	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.7	98.3	98.8	98.9	99.2	99.6	100.0
≥ 100	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.7	98.3	98.8	98.9	99.2	99.6	100.0
≥ 0	43.4	63.1	71.6	83.2	87.0	88.2	92.4	96.1	96.6	97.7	98.3	98.8	98.9	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 LAKENHEATH RAF UK

73-87

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

222-1170

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	20.9	32.4	33.9	34.7	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	25.0	37.3	38.9	40.1	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000	25.0	37.3	38.9	40.1	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 16000	25.0	37.3	38.9	40.1	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000	25.1	37.6	39.1	40.3	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 12000	25.2	37.8	39.3	40.6	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 10000	26.1	39.4	41.0	42.2	42.7	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	27.3	40.8	42.3	43.7	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	29.4	43.7	45.4	47.1	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000	30.4	45.3	47.2	48.9	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	30.9	45.8	47.7	49.3	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 5000	33.8	48.9	50.8	52.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4500	36.0	51.3	53.2	55.2	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	42.9	60.1	62.4	64.9	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3500	47.6	66.4	68.8	71.3	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 3000	53.9	74.0	76.9	79.6	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	56.0	76.6	79.4	82.2	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	57.8	79.9	82.9	86.0	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	58.7	81.2	84.3	87.4	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	60.0	83.7	87.1	90.4	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	61.3	85.2	88.7	92.7	93.7	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	61.6	85.8	89.4	93.8	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	61.6	86.2	90.0	94.3	95.6	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	61.6	86.3	90.1	94.8	96.1	96.6	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	61.7	86.6	90.3	95.0	96.6	97.0	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	61.7	86.6	90.3	95.1	96.7	97.1	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	61.7	86.6	90.3	95.1	96.7	97.2	97.9	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	61.7	86.6	90.3	95.2	96.8	97.3	98.0	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35931
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05
NO CEILING	19.0	28.7	29.3	30.3	37.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 25000	25.2	35.7	36.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	25.4	36.0	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 6000	25.4	36.0	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000	25.4	36.0	36.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 12000	25.6	36.1	36.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000	27.0	38.0	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	27.8	38.9	39.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 8000	31.6	43.1	43.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 7000	32.9	44.7	45.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 6000	32.9	44.9	45.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 5000	35.8	48.3	49.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	39.1	53.2	54.1	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	48.2	63.7	64.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500	54.3	72.4	73.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	63.4	83.1	84.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	66.0	86.8	88.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	68.2	89.9	91.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	68.8	90.8	92.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	68.9	91.8	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	69.1	92.4	94.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	69.4	92.8	94.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	69.4	92.9	94.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	69.4	92.9	94.9	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	69.4	93.1	95.1	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	69.4	93.1	95.1	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	69.4	93.1	95.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	69.4	93.1	95.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	69.4	93.1	95.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	69.4	93.1	95.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	69.4	93.1	95.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	69.4	93.1	95.1	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35R31
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15:00-17:00
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE90	≥6 GE90	≥5 GE80	≥4 GE60	≥3 GE48	≥2 GE40	≥2 GE32	≥2 GE24	≥2 GE20	≥1 GE16	≥1 GE12	≥1 GE10	≥1 GE08	≥1 GE05	≥1 GE04	≥0 GE00
NO CEILING	18.9	28.7	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	24.2	34.7	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	24.3	34.8	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	24.3	34.8	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	24.3	34.8	35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000	24.4	34.9	35.6	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 10000	26.7	37.2	38.1	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 9000	28.6	39.2	40.1	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 8000	31.7	42.9	43.8	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 7000	33.7	45.8	46.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000	33.9	46.0	46.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	39.4	53.0	53.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 4500	44.8	59.1	60.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000	52.9	69.8	70.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	60.0	80.0	81.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	65.9	87.9	89.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	67.4	90.1	91.3	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	68.8	92.4	94.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	69.2	92.9	94.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	69.2	93.2	94.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	69.6	93.8	95.4	98.2	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	69.6	93.8	95.6	98.3	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	69.6	93.8	95.6	98.3	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	69.6	93.8	95.9	98.7	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	69.6	93.8	95.9	98.7	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.6	93.8	95.9	98.7	98.8	98.8	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 135831 LAKENHEATH RAF UK

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
	GT9	F090	GF80	GE60	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02
NO CEILING	23.0	36.0	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	27.9	42.4	43.0	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	28.1	42.7	43.2	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	28.2	42.8	43.3	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 14000	28.3	43.0	43.6	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	28.4	43.3	43.9	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	30.1	46.1	46.8	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 9000	31.6	47.0	48.4	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 8000	34.1	50.8	51.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	36.8	53.7	54.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	37.1	54.1	54.8	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 5000	42.3	60.4	61.3	62.3	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4500	47.9	67.2	68.3	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	55.1	76.6	78.1	79.6	79.9	80.0	80.2	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	58.4	81.1	82.8	84.6	84.9	85.0	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.7	85.7	85.7
≥ 3000	61.8	86.1	87.9	90.0	90.3	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2
≥ 2500	62.3	87.0	88.9	91.0	91.3	91.6	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 2000	64.2	89.4	91.6	93.8	94.1	94.3	94.6	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 1800	64.7	90.0	92.2	94.4	94.8	95.0	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1600	64.9	90.3	92.6	94.9	95.2	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 1400	65.0	90.6	92.9	95.7	96.2	96.4	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1200	65.1	91.1	93.6	96.3	96.9	97.1	97.6	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 900	65.1	91.1	93.6	96.3	96.9	97.1	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 800	65.1	91.6	94.0	96.9	97.4	97.8	98.6	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 700	65.1	91.6	94.0	96.9	97.4	97.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 600	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 500	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 400	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 200	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 0	65.1	91.6	94.0	97.1	97.7	98.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 878

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75831
STATION

LAKEWHEATH RAF UK

73-87

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0102-2300

		VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
		GE00	GE01	GE02	GE03	GE04	GE05	GE06	GE07	GE08	GE09	GE10	GE11	GE12	GE13	GE14	GE15
1000	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
900	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
800	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
700	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
600	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
500	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
400	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
300	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
200	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
100	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
1000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
900	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
800	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
700	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
600	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
500	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
400	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
300	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
200	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
100	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	19.4	30.4	32.6	35.2	35.9	36.1	36.8	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.4	37.4
≥ 20000	23.3	35.3	37.7	40.7	41.5	41.7	42.4	42.8	42.9	43.0	43.0	43.0	43.0	43.1	43.1	43.2
≥ 18000	23.4	35.5	37.9	40.9	41.7	41.9	42.6	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3
≥ 16000	23.5	35.5	37.9	40.9	41.7	41.9	42.6	43.0	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.3
≥ 14000	23.5	35.6	37.9	41.0	41.8	41.9	42.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4
≥ 12000	23.6	35.7	38.1	41.2	42.0	42.2	42.9	43.3	43.4	43.5	43.5	43.5	43.5	43.6	43.6	43.7
≥ 10000	24.9	37.5	41.0	43.2	44.0	44.2	45.0	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.7	45.7
≥ 9000	25.9	38.7	41.4	44.7	45.5	45.7	46.6	47.0	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.4
≥ 8000	28.7	42.2	45.1	48.5	49.4	49.7	50.5	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.3	51.3
≥ 7000	37.0	44.0	46.9	50.5	51.4	51.7	52.5	53.0	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.4
≥ 6000	37.3	44.4	47.3	50.9	51.8	52.1	53.0	53.4	53.5	53.6	53.6	53.6	53.6	53.7	53.8	53.8
≥ 5000	33.9	48.6	51.8	55.6	56.6	56.9	57.8	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7
≥ 4500	38.1	53.9	57.3	61.2	62.2	62.5	63.5	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.5
≥ 4000	44.1	61.4	65.2	69.5	70.6	71.0	72.1	72.7	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.2
≥ 3500	47.6	66.5	70.5	75.0	76.2	76.5	77.8	78.3	78.5	78.6	78.7	78.7	78.7	78.8	78.9	79.0
≥ 3000	51.7	71.6	75.9	80.6	81.9	82.2	83.6	84.2	84.3	84.5	84.5	84.6	84.6	84.7	84.8	84.8
≥ 2500	53.1	73.3	77.7	82.6	83.9	84.3	85.6	86.2	86.3	86.5	86.6	86.6	86.6	86.7	86.8	86.8
≥ 2000	54.7	75.7	80.3	85.5	86.8	87.2	88.6	89.2	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.8
≥ 1800	55.1	76.3	81.0	86.2	87.5	87.9	89.3	89.9	90.0	90.2	90.3	90.3	90.3	90.4	90.5	90.5
≥ 1500	56.1	77.7	82.4	87.9	89.2	89.6	91.0	91.7	91.8	91.9	92.0	92.1	92.1	92.2	92.2	92.3
≥ 1200	56.8	78.8	83.7	89.4	90.8	91.2	92.7	93.4	93.5	93.6	93.7	93.8	93.8	93.9	93.9	94.0
≥ 1000	57.3	79.3	84.3	90.1	91.5	92.0	93.5	94.3	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.9
≥ 900	57.1	79.6	84.6	90.5	92.0	92.5	94.0	94.8	94.9	95.1	95.2	95.2	95.2	95.3	95.4	95.4
≥ 800	57.2	79.9	85.1	91.2	92.7	93.2	94.9	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.4	96.5
≥ 700	57.2	80.2	85.4	91.6	93.2	93.7	95.5	96.5	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.3
≥ 600	57.2	80.3	85.5	91.9	93.6	94.1	95.9	96.9	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.8
≥ 500	57.2	80.3	85.6	92.0	93.7	94.3	96.2	97.4	97.7	97.9	98.0	98.1	98.1	98.2	98.3	98.3
≥ 400	57.2	80.3	85.6	92.1	93.8	94.3	96.5	97.9	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
≥ 300	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.0	98.4	98.8	99.0	99.1	99.1	99.2	99.4	99.5
≥ 200	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.1	98.5	99.0	99.2	99.3	99.3	99.5	99.8	99.9
≥ 100	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.1	98.5	99.0	99.2	99.3	99.4	99.6	99.8	100.0
≥ 0	57.2	80.3	85.6	92.1	93.8	94.4	96.6	98.1	98.5	99.0	99.2	99.3	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT9.0	≥6 EQ9.0	≥5 GE9.0	≥4 GE6.0	≥3 GE4.8	≥2.5 GE4.0	≥2 GE3.2	≥1.5 GE2.4	≥1 GE2.0	≥0.5 GE1.6	≥0.25 GE1.2	≥0.1 GE1.0	≥0.05 GE0.8	≥0.025 GE0.5	≥0.01 GE0.4	≥0 GE0.0
NO CEILING	31.4	41.5	45.1	47.0	47.7	48.1	49.1	49.4	49.5	49.5	49.6	49.6	49.7	49.8	49.8	49.8
≥ 20000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 18000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 16000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 14000	34.3	44.7	48.4	50.4	51.2	51.5	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.2	53.2	53.2
≥ 12000	34.3	44.8	48.5	50.5	51.3	51.6	52.7	52.9	53.0	53.0	53.1	53.1	53.2	53.3	53.3	53.3
≥ 10000	35.3	46.8	50.4	52.5	53.2	53.5	54.6	54.8	54.9	54.9	55.1	55.1	55.2	55.3	55.3	55.3
≥ 9000	35.5	47.1	50.8	52.8	53.5	53.9	54.9	55.2	55.3	55.3	55.4	55.4	55.5	55.6	55.6	55.6
≥ 8000	38.7	51.8	55.7	57.7	59.5	58.8	60.0	60.2	60.3	60.4	60.5	60.5	60.6	60.8	60.8	60.8
≥ 7000	39.5	54.0	58.0	60.2	61.0	61.3	62.5	62.7	62.8	62.9	63.0	63.0	63.1	63.2	63.2	63.2
≥ 6000	39.7	54.4	58.4	60.6	61.4	61.7	62.9	63.1	63.2	63.3	63.4	63.4	63.5	63.7	63.7	63.7
≥ 5000	42.2	57.3	61.4	64.1	64.8	65.2	66.3	66.6	66.7	66.8	66.9	66.9	67.0	67.1	67.1	67.1
≥ 4500	44.8	60.6	64.9	67.7	68.5	68.8	70.0	70.2	70.3	70.4	70.5	70.5	70.6	70.8	70.8	70.8
≥ 4000	49.7	66.6	71.3	74.1	75.1	75.4	76.6	76.8	76.9	77.1	77.2	77.2	77.3	77.4	77.4	77.4
≥ 3500	52.0	69.7	74.8	77.7	78.7	79.0	80.2	80.4	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1
≥ 3000	53.8	72.4	77.6	80.5	81.5	81.8	83.0	83.2	83.3	83.5	83.7	83.7	83.8	83.9	83.9	83.9
≥ 2500	54.8	73.8	79.2	82.5	83.4	83.8	84.9	85.2	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.8
≥ 2000	56.9	76.0	81.9	85.8	86.9	87.3	88.5	88.7	88.8	89.0	89.1	89.1	89.2	89.4	89.4	89.4
≥ 1800	57.2	76.7	82.7	86.7	87.7	88.2	89.4	89.6	89.7	89.9	90.0	90.0	90.1	90.2	90.2	90.2
≥ 1500	58.8	78.6	84.6	88.6	89.7	90.1	91.3	91.5	91.6	91.9	92.0	92.0	92.2	92.3	92.3	92.3
≥ 1200	59.8	80.1	86.5	90.4	91.8	92.3	93.5	93.8	93.9	94.2	94.3	94.3	94.4	94.5	94.5	94.5
≥ 1000	60.2	80.9	87.7	91.7	93.1	93.5	94.8	95.2	95.4	95.8	96.0	96.0	96.1	96.2	96.2	96.2
≥ 900	60.3	81.0	87.8	91.8	93.2	93.7	94.9	95.3	95.5	95.9	96.1	96.1	96.2	96.3	96.5	96.5
≥ 800	60.4	81.2	88.6	92.6	94.0	94.4	95.7	96.0	96.3	96.8	97.0	97.0	97.1	97.2	97.3	97.3
≥ 700	60.4	81.3	88.8	92.9	94.3	94.7	96.0	96.3	96.7	97.1	97.3	97.3	97.4	97.5	97.6	97.6
≥ 600	60.4	81.3	89.0	93.5	94.9	95.4	96.7	97.0	97.3	97.7	98.0	98.0	98.1	98.2	98.3	98.3
≥ 500	60.5	81.7	89.8	94.3	95.8	96.2	97.6	98.0	98.3	98.7	98.9	98.9	99.0	99.1	99.2	99.2
≥ 400	60.5	81.7	89.8	94.3	95.8	96.2	97.6	98.0	98.3	98.7	98.9	98.9	99.0	99.1	99.2	99.2
≥ 300	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.2	99.4	99.5	99.5
≥ 200	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.4	99.6	99.7	99.8
≥ 100	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.4	99.6	99.7	100.0
≥ 0	60.5	81.7	89.8	94.3	95.8	96.2	97.7	98.1	98.5	98.9	99.1	99.1	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75831
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

330-3500
ELEVATION

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	24	25	24	23	22	22	21	21	21	24	24	24	21	2510	20
NO CEILING	GT9.1	F09.0	GE8.7	GE6.0	GE4.8	GE4.0	GE3.2	GE2.8	GE2.2	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0.3
≥ 20000	14.9	22.2	25.9	30.0	37.9	30.9	32.4	33.4	33.7	34.6	34.8	34.9	34.9	35.2	35.2	35.7
≥ 18000	16.5	24.0	28.3	33.0	39.0	34.0	35.6	36.7	36.9	38.0	38.3	38.4	38.4	38.6	38.6	39.2
≥ 16000	16.6	24.1	28.4	33.1	34.1	34.1	35.7	36.8	37.0	38.1	38.4	38.5	38.5	38.7	38.7	39.4
≥ 14000	16.6	24.1	28.4	33.1	34.1	34.1	35.7	36.8	37.0	38.1	38.4	38.5	38.5	38.7	38.7	39.4
≥ 12000	16.6	24.3	28.6	33.3	34.3	34.3	35.9	37.0	37.2	38.3	38.6	38.7	38.7	38.9	38.9	39.6
≥ 10000	17.2	25.8	30.3	35.2	36.2	36.2	37.8	38.9	39.1	40.2	40.5	40.6	40.6	40.9	40.9	41.5
≥ 9000	17.6	26.3	31.0	35.8	37.0	37.0	38.6	39.7	39.9	41.0	41.3	41.4	41.4	41.6	41.6	42.3
≥ 8000	22.5	33.4	38.6	44.1	45.5	45.5	47.6	48.8	49.0	50.5	51.0	51.1	51.1	51.3	51.3	51.9
≥ 7000	23.3	35.6	40.9	46.6	48.1	48.1	50.2	51.4	51.6	53.1	53.5	53.7	53.7	53.9	53.9	54.5
≥ 6000	23.7	36.0	41.6	47.3	48.8	48.8	51.0	52.2	52.4	53.9	54.3	54.4	54.4	54.6	54.6	55.3
≥ 5000	27.1	40.0	46.1	52.3	54.3	54.3	56.9	58.2	58.4	59.9	60.3	60.4	60.4	60.6	60.6	61.3
≥ 4500	37.3	44.6	51.1	58.0	60.2	60.2	62.8	64.1	64.3	65.8	66.2	66.3	66.3	66.6	66.6	67.2
≥ 4000	34.1	49.2	56.7	63.7	66.3	66.3	69.2	70.5	70.8	72.3	72.7	72.8	72.8	73.0	73.0	73.7
≥ 3500	34.8	51.3	59.1	66.7	69.4	69.4	72.3	73.5	73.8	75.3	75.7	75.8	75.8	76.0	76.0	76.7
≥ 3000	37.2	54.8	63.1	70.8	73.4	73.4	76.5	78.0	78.2	79.7	80.1	80.2	80.2	80.4	80.4	81.1
≥ 2500	38.7	56.9	65.1	72.9	75.7	75.7	78.7	80.2	80.4	81.9	82.4	82.5	82.5	82.7	82.7	83.3
≥ 2000	40.0	58.7	67.6	75.6	78.6	78.6	81.7	83.3	83.5	85.1	85.5	85.6	85.6	85.8	85.8	86.5
≥ 1800	40.5	59.2	68.4	76.3	79.4	79.4	82.5	84.1	84.3	85.8	86.2	86.3	86.3	86.6	86.6	87.2
≥ 1500	41.6	61.0	70.2	78.7	81.9	82.2	85.1	86.8	87.0	88.5	89.0	89.1	89.1	89.4	89.4	90.0
≥ 1200	42.7	62.6	72.0	80.6	83.9	84.1	87.0	88.7	88.9	90.4	91.0	91.1	91.1	91.3	91.3	91.9
≥ 1000	42.9	62.8	72.6	81.2	84.4	84.6	87.5	89.2	89.5	91.0	91.5	91.6	91.6	91.8	91.8	92.5
≥ 900	43.0	63.1	73.0	81.7	85.1	85.3	88.2	89.9	90.1	91.6	92.2	92.3	92.3	92.5	92.5	93.1
≥ 800	43.3	63.5	73.8	83.0	86.3	86.6	89.5	91.2	91.4	92.9	93.4	93.5	93.5	93.8	93.8	94.4
≥ 700	43.3	63.7	74.0	83.7	87.0	87.2	90.1	92.0	92.3	93.8	94.3	94.4	94.4	94.7	94.7	95.4
≥ 600	43.3	63.8	74.2	83.9	87.2	87.4	90.3	92.3	92.5	94.0	94.5	94.6	94.6	94.9	94.9	95.6
≥ 500	43.3	64.0	74.6	85.1	88.4	88.6	91.5	93.4	93.7	95.2	95.8	96.0	96.0	96.3	96.3	97.0
≥ 400	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.1	94.5	96.1	96.8	97.0	97.0	97.4	97.4	98.1
≥ 300	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.1	97.3	97.4	98.1	98.2	98.8
≥ 200	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.2	97.6	97.8	98.6	98.9	99.7
≥ 100	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.2	97.6	97.8	98.8	99.1	100.0
≥ 0	43.3	64.2	74.8	85.5	88.9	89.1	92.2	94.2	94.7	96.5	97.2	97.6	97.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800
TIME

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE10	GE09	GE08	GE07	GE06	GE05	GE04	GE03	GE02	GE01	GE16	GE15	GE14	GE13	GE12	GE11
NO CEILING ≥ 20000	17.1	23.8	25.9	29.5	37.8	37.9	31.8	31.8	31.8	32.1	32.1	32.1	32.2	32.3	32.3	32.3
≥ 18000	19.3	27.6	30.4	34.1	35.5	35.6	36.2	36.5	36.5	36.8	36.8	36.8	36.9	37.0	37.0	37.2
≥ 16000	19.3	27.6	30.4	34.1	35.5	35.6	36.2	36.5	36.5	36.8	36.8	36.8	36.9	37.0	37.0	37.2
≥ 14000	19.5	27.9	30.7	34.4	35.8	36.0	36.5	36.8	36.8	37.1	37.1	37.1	37.2	37.4	37.4	37.6
≥ 12000	19.7	28.1	30.9	34.7	36.1	36.2	36.7	37.0	37.0	37.4	37.4	37.4	37.5	37.6	37.6	37.8
≥ 10000	19.9	28.7	31.6	35.5	36.9	37.1	37.7	38.0	38.0	38.3	38.3	38.3	38.4	38.5	38.5	38.8
≥ 9000	20.6	29.6	32.6	36.6	38.0	38.2	38.8	39.1	39.1	39.4	39.4	39.4	39.5	39.6	39.6	39.8
≥ 8000	24.4	35.4	38.8	43.5	45.0	45.2	46.1	46.4	46.4	46.7	46.8	46.8	46.9	47.0	47.0	47.3
≥ 7000	25.2	37.3	40.8	45.7	47.3	47.5	48.4	48.8	48.8	49.1	49.2	49.2	49.3	49.4	49.4	49.6
≥ 6000	25.5	37.5	41.3	46.5	48.0	48.2	49.2	49.5	49.5	49.8	49.9	49.9	50.1	50.2	50.2	50.4
≥ 5000	29.8	42.5	46.7	52.5	54.1	54.4	55.4	56.0	56.0	56.3	56.4	56.4	56.5	56.6	56.6	56.8
≥ 4500	33.9	47.6	52.1	58.7	60.4	60.6	61.7	62.2	62.2	62.5	62.6	62.6	62.8	62.9	62.9	63.1
≥ 4000	37.9	52.4	57.9	65.2	67.2	67.4	68.5	69.1	69.1	69.6	69.8	69.8	69.9	70.0	70.0	70.2
≥ 3500	40.4	55.7	61.8	69.3	71.4	71.6	72.8	73.4	73.4	74.0	74.1	74.1	74.2	74.3	74.3	74.5
≥ 3000	42.4	58.0	64.2	71.8	73.8	74.1	75.3	76.1	76.1	76.6	76.7	76.7	76.9	77.0	77.0	77.2
≥ 2500	43.5	59.2	65.3	73.1	75.2	75.5	76.7	77.5	77.5	78.1	78.3	78.3	78.4	78.5	78.5	78.7
≥ 2000	46.1	63.5	69.8	77.9	80.1	80.4	81.7	82.5	82.5	83.2	83.3	83.3	83.4	83.5	83.5	83.7
≥ 1800	46.5	64.4	70.9	79.1	81.3	81.6	82.9	83.6	83.6	84.4	84.5	84.5	84.6	84.7	84.7	84.9
≥ 1600	47.4	65.8	72.6	80.8	83.2	83.5	84.8	85.6	85.6	86.3	86.4	86.4	86.5	86.7	86.7	86.9
≥ 1400	49.6	68.5	75.2	83.9	86.2	86.5	87.9	88.7	88.7	89.5	89.7	89.7	89.8	89.9	89.9	90.1
≥ 1200	49.9	69.3	76.3	85.0	87.5	87.8	89.2	90.0	90.0	90.7	91.0	91.0	91.1	91.2	91.2	91.4
≥ 1000	50.1	69.8	76.9	85.8	88.4	88.7	90.1	90.9	90.9	91.6	91.8	91.8	91.9	92.0	92.0	92.2
≥ 900	50.7	70.7	77.8	87.2	90.2	90.5	92.1	93.0	93.0	93.8	94.0	94.0	94.1	94.2	94.2	94.4
≥ 800	50.7	70.9	78.1	87.9	91.4	91.7	93.4	94.4	94.4	95.2	95.4	95.4	95.5	95.6	95.6	95.8
≥ 700	50.7	71.0	78.5	88.8	92.5	92.8	94.6	96.0	96.0	96.9	97.3	97.3	97.4	97.5	97.5	97.7
≥ 600	50.7	71.0	78.6	88.9	92.7	93.0	94.9	96.4	96.4	97.4	97.8	97.8	98.0	98.1	98.2	98.4
≥ 500	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.6	97.5	98.1	98.2	98.3	98.6	98.8	99.0
≥ 400	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.6	97.5	98.1	98.2	98.3	98.6	98.9	99.5
≥ 300	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.6	97.5	98.1	98.2	98.3	98.6	98.9	99.5
≥ 200	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.6	97.5	98.1	98.2	98.3	98.6	98.9	99.5
≥ 100	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.6	97.5	98.1	98.2	98.3	98.6	98.9	99.5
≥ 0	50.7	71.0	78.6	88.9	92.7	93.0	95.0	96.6	96.6	97.5	98.1	98.2	98.3	98.6	98.9	99.5

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75931

LAKENHEATH RAF UK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

930-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	19.0	25.6	26.3	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 16000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 12000	21.5	29.5	30.4	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 10000	22.7	31.3	32.4	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 9000	23.3	32.2	33.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 8000	27.4	37.6	39.5	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 7000	29.1	40.3	42.2	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 6000	29.6	40.8	42.7	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 5000	33.5	45.6	47.5	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 4500	38.1	50.2	52.2	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 4000	44.5	58.6	60.9	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500	50.5	65.2	67.6	69.4	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3000	55.4	70.5	73.7	74.7	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2500	57.3	73.4	75.9	77.6	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	61.1	78.8	81.7	83.5	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	62.4	80.8	83.8	85.6	86.0	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	64.2	84.1	87.3	89.2	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	65.8	87.4	91.2	93.4	94.1	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	66.1	88.1	92.3	94.9	95.9	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	66.1	88.1	92.3	95.2	96.1	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	66.5	88.5	92.9	95.9	97.1	97.4	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	66.5	88.8	93.3	96.5	97.7	98.1	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	66.5	88.8	93.3	96.5	97.7	98.2	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	66.5	88.8	93.3	96.6	97.8	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

735931
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1900
TIME

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
	GT9	EQ9	GE8	GE6	GE4	GE3	GE2	GE2	GE2	GE2	GE2	GE2	GE2	GE2	GE2	GE2
NO CEILING	18.5	22.2	22.9	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 20000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 18000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 14000	21.0	25.8	26.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 12000	21.2	26.3	27.1	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 10000	21.7	27.0	27.9	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 9000	22.2	27.9	28.7	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 8000	26.3	33.6	34.4	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 7000	27.2	35.3	36.3	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 6000	27.3	35.4	36.5	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 5000	32.2	41.3	42.5	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 4500	39.4	50.3	51.6	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4000	49.3	62.4	64.3	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3500	56.1	71.8	73.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	61.4	78.8	80.8	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	63.8	82.3	84.4	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	68.4	88.4	90.4	91.9	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	69.0	89.5	91.5	93.0	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	70.0	91.5	93.6	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	70.9	93.0	95.3	97.0	97.6	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	70.9	93.3	95.9	97.6	98.4	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	70.9	93.4	96.0	97.7	98.5	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	70.9	93.4	96.0	97.7	98.5	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	70.9	93.4	96.0	97.7	98.5	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	70.9	93.5	96.1	97.8	98.6	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	70.9	93.5	96.1	97.8	98.6	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	93.5	96.1	97.8	98.6	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73831

LAKENHEATH RAF UK

73-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	22.2	25.6	26.2	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 20000	26.1	31.1	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000	26.3	31.3	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 16000	26.3	31.3	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 14000	26.5	31.4	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 12000	26.9	32.3	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 10000	27.2	33.3	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 9000	27.6	34.2	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 8000	33.1	41.5	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000	34.3	43.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 6000	34.6	44.3	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 5000	39.6	50.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 4500	46.6	60.0	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	57.1	73.1	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	62.7	80.0	81.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	66.3	85.4	87.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	68.9	88.8	90.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	70.6	91.3	93.2	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	77.6	91.8	93.8	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	71.5	93.7	95.3	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	71.9	94.3	96.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	72.0	94.5	97.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831 LAKENHEATH RAF UK

73-87

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	32.3	41.9	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
18000	32.5	42.2	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
16000	32.5	42.2	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
14000	32.5	42.2	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
12000	32.6	42.7	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
10000	33.5	44.2	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
9000	34.2	45.5	46.7	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
8000	39.4	53.0	54.4	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
7000	40.6	55.2	56.6	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
6000	40.8	55.7	57.1	57.7	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
5000	44.5	61.0	62.5	63.1	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
4500	57.1	68.5	70.1	71.7	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
4000	57.3	77.3	79.1	80.9	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
3500	67.7	80.6	82.5	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
3000	62.0	83.9	85.8	87.8	88.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
2500	63.5	85.9	88.1	90.6	91.1	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2000	65.4	88.2	90.3	93.2	93.7	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1800	65.4	88.5	90.6	93.5	94.1	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1500	66.7	90.0	92.2	95.1	95.6	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1200	67.1	90.8	92.9	95.9	96.5	96.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1000	67.3	91.7	94.1	97.1	97.7	97.7	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
900	67.3	91.8	94.2	97.2	97.8	97.8	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
800	67.3	91.9	94.3	97.5	98.3	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	67.3	91.9	94.3	97.6	98.4	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	67.3	91.9	94.3	97.7	98.5	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7831
STATION

LAKEWHEATH RAF UK
STATION NAME

73-87
YEAR

1911
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

113-2370
FORM 7-370

CEILING FEET		VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)															
		≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001													
NO FILING	≥20000	30.1	39.0	39.8	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7													
	≥18000	34.2	44.3	45.1	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1													
≥6000	≥4000	34.4	44.5	45.3	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3													
	≥2000	34.4	44.5	45.3	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3													
≥10000	≥9000	34.8	45.9	46.7	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7													
	≥7000	35.3	46.5	47.2	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4													
≥6000	≥5000	39.4	52.6	53.7	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1													
	≥4500	41.1	55.6	56.8	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2													
≥4000	≥3500	41.3	56.1	57.5	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1													
	≥3000	44.4	61.0	62.6	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3													
≥2500	≥2000	48.9	66.5	68.9	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9													
	≥1800	54.3	73.3	75.9	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2													
≥1500	≥1200	57.5	76.9	79.7	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1													
	≥1000	59.2	78.4	81.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9													
≥900	≥800	60.1	80.8	83.9	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1													
	≥700	61.1	82.2	85.4	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9													
≥600	≥500	61.6	82.8	86.7	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5													
	≥400	63.4	84.9	88.2	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8													
≥300	≥200	64.4	86.7	90.3	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1													
	≥100	64.5	86.9	90.5	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3													
≥50	≥10	64.5	87.1	90.8	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5													
		64.5	87.3	91.7	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9													
≥5	≥1	64.5	87.6	91.3	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3													
		64.5	88.0	91.6	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9													
≥.5	≥.1	64.5	88.2	91.8	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1													
		64.5	88.2	91.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3													
≥.05	≥.01	64.5	88.2	91.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3													
		64.5	88.2	91.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3													
≥.005	≥.001	64.5	88.2	91.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3													
		64.5	88.2	91.8	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3													

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7-370 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 75831 LAKENHEATH RAF UK

73-87

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	GE00	GE01	GE02	GE03	GE04	GE05	GE06	GE07	GE08	GE09	GE10	GE11	GE12	GE13	GE14	GE15
> 20000	22.6	29.3	37.9	32.6	33.0	33.1	33.5	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.0	34.1
> 18000	25.6	33.6	35.5	37.3	37.8	37.8	38.2	38.4	38.5	38.6	38.7	38.7	38.7	38.8	38.8	38.9
> 16000	25.7	33.7	35.6	37.4	37.9	37.9	38.3	38.5	38.6	38.7	38.8	38.8	38.8	38.9	38.9	39.0
> 14000	25.8	33.8	35.7	37.5	37.9	38.0	38.4	38.6	38.6	38.8	38.9	38.9	38.9	39.0	39.0	39.1
> 12000	26.7	34.1	36.7	37.8	38.3	38.4	38.8	39.0	39.0	39.2	39.2	39.3	39.3	39.4	39.4	39.5
> 10000	26.6	35.4	37.3	39.2	39.7	39.7	40.1	40.3	40.4	40.6	40.6	40.6	40.7	40.7	40.7	40.8
> 9000	27.0	36.2	38.1	40.0	40.5	40.6	41.0	41.2	41.2	41.4	41.4	41.5	41.5	41.6	41.6	41.7
> 8000	31.4	42.4	44.7	46.8	47.4	47.5	48.1	48.3	48.7	48.6	48.7	48.7	48.7	48.8	48.8	48.9
> 7000	32.5	44.6	47.0	49.3	49.9	49.9	50.5	50.7	50.8	51.0	51.1	51.2	51.2	51.3	51.3	51.4
> 6000	32.8	45.7	47.6	49.9	50.4	50.5	51.1	51.3	51.4	51.6	51.7	51.7	51.8	51.8	51.9	52.0
> 5000	36.7	49.9	52.6	55.1	55.8	55.9	56.6	56.9	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.5
> 4500	41.5	56.0	59.0	62.0	62.7	62.8	63.5	63.7	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.3
> 4000	48.0	64.1	67.6	70.7	71.6	71.7	72.5	72.8	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.4
> 3500	51.7	68.9	72.5	75.9	76.8	77.0	77.7	78.0	78.1	78.4	78.4	78.5	78.5	78.6	78.6	78.7
> 3000	54.6	72.8	76.6	80.0	81.0	81.1	82.0	82.3	82.4	82.7	82.8	82.8	82.8	82.9	82.9	83.0
> 2500	56.3	75.1	79.1	82.8	83.8	83.9	84.8	85.1	85.2	85.5	85.6	85.6	85.6	85.7	85.7	85.8
> 2000	58.7	78.4	82.5	86.5	87.6	87.7	88.6	89.0	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.7
> 1800	59.2	79.2	83.5	87.4	88.5	88.7	89.6	89.9	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.6
> 1500	67.4	81.1	85.5	89.6	90.7	90.9	91.8	92.2	92.3	92.6	92.7	92.7	92.8	92.8	92.8	93.0
> 1200	61.5	82.9	87.5	91.8	93.0	93.2	94.2	94.6	94.7	95.1	95.2	95.2	95.2	95.3	95.3	95.4
> 1000	61.8	83.4	88.3	92.6	94.0	94.2	95.2	95.7	95.8	96.2	96.3	96.3	96.3	96.4	96.4	96.5
> 900	61.8	83.6	88.5	92.9	94.2	94.4	95.5	96.0	96.1	96.4	96.6	96.6	96.6	96.7	96.7	96.8
> 800	62.0	83.9	88.9	93.5	95.0	95.1	96.3	96.8	96.9	97.3	97.4	97.4	97.4	97.5	97.5	97.6
> 700	62.0	84.0	89.1	93.8	95.4	95.6	96.7	97.3	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.2
> 600	62.0	84.1	89.2	94.0	95.6	95.8	97.0	97.6	97.7	98.1	98.2	98.2	98.2	98.3	98.3	98.5
> 500	62.0	84.2	89.4	94.4	96.0	96.2	97.5	98.1	98.3	98.6	98.8	98.8	98.8	98.9	99.0	99.1
> 400	62.0	84.2	89.5	94.5	96.1	96.3	97.6	98.3	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.4
> 300	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.2	99.3	99.3	99.4	99.5	99.6
> 200	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.3	99.4	99.4	99.6	99.7	99.9
> 100	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.3	99.4	99.4	99.7	99.8	100.0
> 0	62.0	84.2	89.5	94.5	96.1	96.3	97.7	98.4	98.6	99.0	99.3	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7938

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75831 LAKENHEATH DAF UK

73-87

4UG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	≥10	26	25	24	23	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21
NO FILING	GT97	EQ90	GE87	GE60	GE48	GE47	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE03	GE02	GE01	GE00	GE00
≥ 20000	24.2	39.7	43.7	47.3	48.6	48.9	51.5	52.3	52.6	53.7	53.1	53.2	53.4	53.9	53.9	53.9	53.9	53.9	53.9	54.9
≥ 18000	28.9	40.5	44.7	48.8	50.1	50.4	53.5	54.4	54.7	55.2	55.3	55.4	55.6	56.2	56.2	56.2	56.2	56.2	56.2	57.1
≥ 16000	28.9	47.5	44.0	49.0	50.3	50.6	53.8	54.6	54.9	55.4	55.5	55.6	55.8	56.2	56.2	56.2	56.2	56.2	56.2	57.3
≥ 14000	28.9	47.5	44.0	49.0	50.3	50.6	53.8	54.6	54.9	55.4	55.5	55.6	55.8	56.2	56.2	56.2	56.2	56.2	56.2	57.3
≥ 12000	28.9	40.6	45.2	49.2	50.5	50.9	54.7	54.8	55.2	55.6	55.7	55.8	56.2	56.5	56.5	56.5	56.5	56.5	56.5	57.5
≥ 10000	29.5	41.3	46.0	50.5	51.8	52.2	55.5	56.5	56.8	57.2	57.3	57.4	57.6	58.1	58.1	58.1	58.1	58.1	58.1	59.1
≥ 9000	29.8	41.6	46.5	51.0	52.5	52.8	56.1	57.2	57.5	58.0	58.1	58.2	58.4	58.8	58.8	58.8	58.8	58.8	58.8	59.9
≥ 8000	31.7	44.6	51.1	54.7	56.2	56.6	60.4	61.6	62.0	62.7	62.8	62.9	63.1	63.5	63.5	63.5	63.5	63.5	63.5	64.7
≥ 7000	32.7	45.3	51.9	55.5	57.0	57.3	61.2	62.4	62.8	63.4	63.5	63.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	65.5
≥ 6000	32.7	45.5	51.3	56.0	57.5	57.8	61.7	62.9	63.3	64.0	64.1	64.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	66.0
≥ 5000	33.5	47.3	53.4	58.2	59.7	60.0	64.0	65.2	65.7	66.3	66.5	66.6	66.8	67.2	67.2	67.2	67.2	67.2	67.2	68.4
≥ 4500	36.7	51.7	57.8	62.9	64.4	64.7	69.0	70.4	71.0	71.6	71.7	71.8	72.0	72.5	72.5	72.5	72.5	72.5	72.5	73.7
≥ 4000	41.9	58.4	64.9	70.3	71.9	72.4	77.0	78.4	78.9	79.6	79.7	79.9	80.1	80.5	80.5	80.5	80.5	80.5	80.5	81.7
≥ 3500	43.4	60.6	67.4	72.8	74.5	74.9	79.6	81.0	81.5	82.2	82.3	82.5	82.7	83.1	83.1	83.1	83.1	83.1	83.1	84.3
≥ 3000	45.1	62.9	70.1	75.6	77.3	77.7	82.4	83.8	84.3	84.9	85.1	85.3	85.5	85.9	85.9	85.9	85.9	85.9	85.9	87.1
≥ 2500	45.1	62.9	70.2	75.8	77.6	78.1	82.7	84.1	84.6	85.3	85.4	85.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	87.4
≥ 2000	46.3	64.7	72.3	78.0	79.9	80.3	85.1	86.6	87.1	87.7	87.8	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	90.0
≥ 1800	46.3	65.2	72.7	78.4	80.3	80.8	85.5	87.0	87.5	88.2	88.3	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	90.4
≥ 1500	47.7	66.8	74.4	80.3	82.4	82.8	87.6	89.2	89.8	90.4	90.5	90.8	91.0	91.5	91.5	91.5	91.5	91.5	91.5	92.7
≥ 1200	48.4	67.6	75.3	81.3	83.3	83.8	88.6	90.2	90.8	91.4	91.5	91.7	91.9	92.5	92.5	92.5	92.5	92.5	92.5	93.7
≥ 1000	48.4	67.6	75.3	81.7	83.8	84.2	89.0	90.6	91.2	91.8	91.9	92.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	94.1
≥ 900	48.5	68.2	75.8	82.3	84.4	84.8	89.7	91.4	91.9	92.6	92.7	92.9	93.1	93.7	93.7	93.7	93.7	93.7	93.7	94.8
≥ 800	48.5	68.2	75.8	82.3	84.8	85.3	90.3	92.3	92.8	93.4	93.5	93.8	94.0	94.5	94.5	94.5	94.5	94.5	94.5	95.7
≥ 700	48.5	68.5	76.1	82.6	85.2	85.6	90.9	92.9	93.4	94.1	94.2	94.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	96.3
≥ 600	48.5	68.5	76.2	82.7	85.4	85.8	91.1	93.1	93.7	94.3	94.4	94.6	94.8	95.4	95.4	95.4	95.4	95.4	95.4	96.6
≥ 500	49.7	68.9	76.8	83.3	86.2	86.7	91.9	94.2	94.8	95.5	95.6	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	97.7
≥ 400	49.8	69.0	76.9	83.7	86.6	87.0	92.4	94.7	95.4	96.0	96.1	96.3	96.6	97.1	97.1	97.1	97.1	97.1	97.1	98.3
≥ 300	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.3	95.9	96.6	96.9	97.1	97.3	97.8	97.8	97.8	97.8	97.8	97.8	99.0
≥ 200	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.4	96.0	96.7	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	99.4
≥ 100	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.4	96.0	96.7	97.1	97.3	97.5	98.1	98.1	98.1	98.1	98.1	98.1	100.0
≥ 0	48.8	69.0	77.0	84.0	86.9	87.3	92.8	95.4	96.0	96.7	97.1	97.3	97.5	98.1	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 75931 LAKENHEATH RAF UK

73-87

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7300-7500
HOURS

ELEVATION FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE0.5	GE0.6	GE0.7	GE0.8	GE0.9	GE1.0	GE1.2	GE1.4	GE1.6	GE1.8	GE2.0	GE2.5	GE3.0	GE3.5	GE4.0	GE5.0
NO RECORD	17.3	24.8	27.5	31.7	33.8	33.9	37.2	39.2	40.0	41.2	41.5	41.8	42.6	43.5	44.2	46.8
2 2000	19.2	26.2	29.2	33.9	36.3	36.4	40.1	42.1	42.9	44.1	44.5	44.8	45.6	46.6	47.2	49.8
2 1800	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
2 1600	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
2 1400	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
2 1200	18.3	26.3	29.3	34.3	36.9	37.0	40.6	42.7	43.4	44.6	45.0	45.4	46.1	47.1	47.7	50.3
2 1000	19.9	26.9	30.7	35.6	38.3	38.5	42.2	44.3	45.0	46.3	46.8	47.1	47.8	48.8	49.5	52.0
2 900	19.1	27.2	30.7	36.0	39.7	38.9	42.9	44.9	45.7	47.0	47.4	47.8	48.7	49.7	50.3	52.9
2 800	23.7	32.3	35.1	41.2	44.4	44.6	49.1	51.5	52.4	53.9	54.4	54.8	55.7	56.9	57.5	60.2
2 700	23.5	33.2	36.4	42.6	45.8	46.0	50.6	53.0	53.9	55.4	55.9	56.4	57.2	58.3	59.1	61.7
2 600	23.9	33.6	37.2	43.3	46.6	46.8	51.4	53.8	54.6	56.1	56.8	57.2	58.1	59.2	59.9	62.6
2 500	25.6	35.8	39.3	45.9	49.1	49.4	54.1	56.7	57.5	59.1	59.7	60.1	61.0	62.1	62.8	65.5
2 400	27.3	38.1	41.7	48.7	52.0	52.3	57.0	59.7	60.6	62.1	62.7	63.1	64.1	65.2	65.9	68.6
2 300	31.0	42.5	46.7	54.0	57.5	57.8	62.9	65.7	66.6	68.2	68.9	69.3	70.3	71.3	72.1	74.8
2 200	33.0	45.0	49.6	57.1	60.9	61.1	66.3	69.1	69.9	71.6	72.2	72.6	73.6	74.7	75.4	78.1
2 1000	34.4	46.7	51.3	59.3	63.3	63.5	68.6	71.6	72.4	74.1	74.9	75.3	76.3	77.4	78.2	80.9
2 2500	34.7	47.4	52.2	60.1	64.1	64.4	69.7	72.6	73.5	75.2	76.0	76.4	77.4	78.4	79.3	82.0
2 2000	35.7	48.6	53.4	61.9	66.3	66.7	72.3	75.3	76.2	77.9	78.7	79.1	80.1	81.1	82.0	84.7
2 1800	36.5	49.6	54.6	63.0	67.5	67.9	73.5	76.5	77.4	79.1	79.8	80.3	81.3	82.3	83.2	85.9
2 1600	37.6	51.1	56.3	65.0	69.6	70.0	75.8	78.8	79.6	81.4	82.1	82.5	83.5	84.6	85.5	88.1
2 1200	38.1	51.8	57.2	66.3	70.9	71.3	77.2	80.4	81.3	83.0	83.7	84.2	85.1	86.2	87.1	89.8
2 1000	38.3	52.3	57.8	66.8	71.7	72.1	77.9	81.3	82.1	83.8	84.6	85.0	86.0	87.1	87.9	90.6
2 900	38.3	52.3	57.8	67.2	72.1	72.6	78.4	81.9	82.8	84.5	85.2	85.7	86.6	87.7	88.6	91.3
2 800	38.3	52.6	58.1	67.8	72.8	73.4	79.3	82.8	83.6	85.3	86.1	86.5	87.5	88.6	89.4	92.1
2 700	38.3	53.0	58.5	68.4	73.6	74.1	80.2	83.8	84.7	86.5	87.3	87.7	88.7	89.8	90.6	93.3
2 600	38.3	53.0	58.6	68.5	73.8	74.4	80.5	84.2	85.0	86.9	87.7	88.1	89.1	90.2	91.1	93.8
2 500	38.4	53.1	58.8	68.8	74.2	74.8	81.0	84.9	85.8	87.7	88.6	89.0	90.0	91.1	91.9	94.6
2 400	38.4	53.1	58.9	69.0	74.5	75.0	81.7	85.8	86.6	88.9	89.8	90.2	91.2	92.2	93.1	95.8
2 300	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.4	90.9	92.0	93.1	94.1	96.8
2 200	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.4	91.1	92.2	93.3	94.4	97.5
2 100	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.5	91.2	92.5	94.0	95.5	99.6
2 0	38.4	53.1	58.9	69.1	74.8	75.3	82.1	86.3	87.2	89.4	90.5	91.2	92.5	94.0	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831 LAKENHEATH RAF UK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

500-0800

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
	GT90	EQ90	GF80	GF60	GF40	GF20	GF10	GF5	GF2.5	GF1.5	GF1	GF0.5	GF0.25	GF0.1	GF0.05	GF0.025
NO CEILING	14.4	21.2	24.2	29.5	32.1	32.5	34.7	36.4	36.7	37.4	37.5	37.7	38.0	38.7	39.9	40.1
≥ 20000	16.1	23.7	27.0	33.4	36.4	36.8	38.6	41.0	41.4	42.1	42.3	42.5	43.7	43.6	43.8	45.0
18000	16.2	23.9	27.2	33.6	36.7	37.1	39.1	41.6	41.9	42.7	42.9	43.1	43.5	44.2	44.4	45.6
16000	16.2	23.9	27.2	33.6	36.7	37.1	39.1	41.6	41.9	42.7	42.9	43.1	43.5	44.2	44.4	45.6
14000	16.3	24.0	27.3	33.7	36.8	37.3	39.2	41.7	42.0	42.8	43.0	43.2	43.6	44.3	44.5	45.7
12000	16.3	24.1	27.4	33.8	37.3	37.7	39.6	42.1	42.4	43.2	43.4	43.6	44.1	44.7	44.9	46.1
10000	16.6	25.1	28.4	35.1	38.7	39.1	41.3	43.7	44.1	44.8	45.7	45.2	45.7	46.3	46.5	47.7
9000	17.1	25.6	29.7	35.7	39.3	39.7	41.9	44.4	44.7	45.5	45.7	45.9	46.3	47.0	47.2	48.5
8000	21.1	30.6	34.7	41.5	45.5	45.9	48.4	51.2	51.5	52.5	53.0	53.2	53.8	54.5	54.9	56.2
7000	21.7	32.0	35.6	43.1	47.1	47.5	51.7	52.8	53.1	54.1	54.6	54.9	55.4	56.2	56.5	57.8
6000	21.9	32.2	36.0	43.5	47.5	47.9	50.5	53.6	53.9	55.0	55.5	55.7	56.3	57.1	57.6	58.9
5000	23.8	34.4	38.3	46.2	50.2	50.9	53.5	56.7	57.0	58.1	58.7	59.0	59.5	60.4	60.8	62.1
4500	25.3	36.7	40.8	49.1	53.5	54.1	56.7	59.9	60.3	61.3	62.0	62.2	62.7	63.6	64.0	65.3
4000	37.7	43.1	47.5	56.7	61.1	61.8	64.6	67.8	68.4	69.4	70.1	70.3	70.8	71.7	72.1	73.4
3500	32.7	44.9	49.5	58.9	63.6	64.3	67.1	70.3	70.8	71.9	72.6	72.8	73.3	74.2	74.6	75.9
3000	32.9	46.1	50.9	60.9	66.0	66.8	69.7	73.1	73.7	74.8	75.5	75.7	76.2	77.1	77.5	78.8
2500	33.4	46.7	51.4	61.6	66.6	67.6	70.6	74.1	74.6	75.8	76.5	76.7	77.2	78.1	78.5	79.8
2000	34.7	48.6	53.5	64.5	69.5	70.5	73.5	77.0	77.5	78.7	79.4	79.6	80.1	81.0	81.4	82.7
1800	34.8	48.8	53.8	64.8	69.9	70.8	73.9	77.3	77.9	79.0	79.7	79.9	80.5	81.3	81.7	83.0
1500	36.0	50.4	55.4	67.2	72.6	73.5	76.6	80.0	80.6	81.7	82.4	82.6	83.2	84.0	84.4	85.7
1200	36.7	52.1	57.3	69.3	74.8	75.9	79.2	82.7	83.3	84.4	85.1	85.3	85.9	86.8	87.3	88.6
1000	36.8	52.3	57.8	70.0	75.5	76.7	80.2	84.0	84.6	85.9	86.5	86.7	87.3	88.2	88.7	90.0
900	37.0	52.6	58.1	70.5	76.1	77.3	80.9	84.8	85.3	86.6	87.3	87.5	88.0	88.9	89.4	90.7
800	37.0	52.7	58.4	71.1	76.9	78.1	81.9	85.9	86.4	87.7	88.3	88.6	89.1	90.1	90.5	91.8
700	37.7	52.8	59.0	72.4	78.3	79.5	83.5	87.6	88.1	89.5	90.2	90.4	90.9	91.9	92.4	93.7
600	37.1	52.9	59.1	72.6	78.7	79.9	84.0	88.3	89.0	90.6	91.3	91.5	92.0	93.1	93.6	94.9
500	37.1	52.9	59.1	72.7	78.8	80.0	84.2	88.8	89.4	91.3	91.9	92.1	92.7	93.7	94.3	95.6
400	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.1	89.8	91.7	92.3	92.5	93.1	94.2	94.7	96.0
300	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.2	90.1	92.2	93.2	93.4	94.0	95.1	95.8	97.1
200	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.3	90.2	92.4	93.5	93.7	94.3	95.7	96.3	98.3
100	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.3	90.2	92.4	93.5	93.7	94.3	95.8	96.5	99.6
0	37.1	52.9	59.1	72.7	78.9	80.1	84.3	89.3	90.2	92.4	93.5	93.7	94.3	95.9	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 03531 LAKENHEATH RAF UK

73-87

ALC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1970-1970

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	21.8	30.6	33.2	35.9	36.5	36.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥20000	23.8	34.7	37.7	40.9	41.5	41.9	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥18000	24.0	34.9	38.0	41.1	41.7	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥16000	24.0	34.9	38.0	41.1	41.7	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥14000	24.0	34.9	38.0	41.1	41.7	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥12000	24.1	35.5	38.5	41.8	42.6	43.0	43.2	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7
≥10000	25.2	37.1	41.1	43.4	44.2	44.6	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥9000	26.2	38.5	41.5	44.9	45.7	46.1	46.5	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
≥8000	28.8	42.4	45.8	49.4	50.1	50.5	51.2	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
≥7000	29.6	43.4	46.9	50.4	51.2	51.6	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥6000	29.9	43.8	47.2	50.9	51.7	52.2	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
≥5000	32.4	46.7	50.1	54.2	55.1	55.5	56.2	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥4500	35.1	49.8	53.4	57.5	58.4	58.8	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
≥4000	41.4	56.2	61.1	64.3	65.2	65.6	66.5	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥3500	44.8	61.1	65.3	69.6	70.5	71.1	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥3000	49.7	67.1	71.3	76.2	77.3	77.8	78.7	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5
≥2500	57.6	68.5	72.7	78.0	79.1	79.7	80.5	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3
≥2000	53.7	72.8	77.2	83.0	84.3	84.8	85.7	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6
≥1800	54.5	74.1	78.6	84.6	86.0	86.6	87.4	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3
≥1500	55.9	76.5	81.4	87.6	89.2	89.8	91.6	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6
≥1200	57.0	78.0	83.1	89.8	91.5	92.0	93.0	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1
≥1000	57.1	78.4	83.7	90.4	92.2	92.8	93.9	94.6	94.7	95.2	95.2	95.2	95.2	95.2	95.2
≥900	57.1	78.4	83.8	90.6	92.4	93.0	94.4	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8
≥800	57.2	78.5	84.1	91.1	93.0	93.7	95.3	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8
≥700	57.2	78.6	84.2	91.3	93.3	94.1	95.8	96.8	96.9	97.3	97.3	97.3	97.4	97.4	97.4
≥600	57.3	78.9	84.5	91.6	93.8	94.5	96.2	97.5	97.6	98.1	98.1	98.1	98.2	98.2	98.2
≥500	57.3	78.9	84.5	91.8	94.1	94.8	96.6	98.2	98.3	99.1	99.2	99.2	99.4	99.4	99.4
≥400	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.5	99.6	99.6	99.7	99.7	99.7
≥300	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	99.9	99.9
≥200	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	100.0	100.0
≥100	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	100.0	100.0
≥0	57.3	78.9	84.5	91.8	94.1	95.1	96.8	98.4	98.5	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.125	≥0.0625	≥0.03125	≥0.015625	≥0.0078125
NO CEILING	23.0	30.0	30.6	32.0	37.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	28.7	38.1	39.1	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 18000	28.1	38.3	39.4	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 16000	28.1	38.3	39.4	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 14000	28.1	38.4	39.5	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	28.2	38.7	39.8	41.7	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000	28.7	39.5	40.5	42.5	42.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	29.1	39.9	41.0	43.2	43.3	43.3	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 8000	31.3	43.3	44.4	46.9	47.1	47.1	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 7000	31.7	43.9	44.9	47.4	47.6	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 6000	32.5	44.8	45.9	48.5	48.7	48.7	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 5000	34.9	48.7	50.0	52.6	52.8	52.8	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4500	39.0	54.3	55.7	58.7	58.9	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000	45.8	62.4	63.8	67.0	67.2	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3500	52.8	70.8	72.2	75.6	75.8	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3000	59.4	78.5	80.1	84.0	84.2	84.2	84.5	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	62.2	81.8	83.4	87.6	87.8	87.8	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	64.2	84.2	85.8	90.3	90.6	90.6	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	64.4	84.5	86.5	91.2	91.5	91.5	92.7	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	64.9	85.5	87.6	92.6	93.4	93.4	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	66.7	87.1	89.4	94.5	95.5	95.5	96.3	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	66.5	87.5	89.8	94.9	96.7	96.7	97.7	97.7	98.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	66.7	87.7	90.1	95.3	96.3	96.3	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	66.8	87.8	90.3	95.8	97.0	97.1	98.0	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	66.8	87.8	90.3	95.8	97.0	97.1	98.0	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	66.9	88.0	90.4	95.9	97.1	97.2	98.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	66.9	88.0	90.4	95.9	97.1	97.2	98.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.9	88.0	90.4	95.9	97.1	97.2	98.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35939
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1770
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE9	GE8	GE7	GE6	GE5	GE4	GE3	GE2	GE1	GE0	GE16	GE12	GE10	GE08	GE05	GE04
NO CEILING	23.9	31.9	32.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000	30.2	40.2	41.3	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	30.5	40.5	41.6	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	30.5	40.5	41.6	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	30.5	40.5	41.6	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	30.5	40.5	41.6	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 10000	32.2	42.8	44.1	45.1	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 9000	32.5	43.8	45.1	46.0	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 8000	34.9	46.8	48.3	49.7	49.9	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 7000	35.7	48.0	49.7	51.1	51.4	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 6000	35.7	48.0	49.7	51.1	51.4	51.6	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	39.6	52.8	54.7	56.5	56.9	57.2	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500	45.2	60.1	62.9	65.2	65.6	65.9	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	52.9	69.4	72.3	75.2	75.6	75.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	60.1	76.9	79.8	82.9	83.3	83.7	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	63.9	81.7	84.8	88.4	88.9	89.2	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	65.4	83.4	86.9	91.5	91.2	91.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	66.0	84.1	87.6	91.6	92.3	92.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	66.1	84.2	87.8	91.8	92.5	92.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	66.9	85.2	89.5	93.5	94.2	94.5	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	67.3	86.2	90.8	95.1	96.0	96.3	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	67.3	86.2	91.0	95.3	96.3	96.7	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	67.3	86.2	91.1	95.6	96.8	97.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	67.3	86.2	91.1	95.8	97.0	97.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	67.4	86.3	91.2	96.0	97.2	97.5	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	67.4	86.5	91.4	96.6	97.7	98.1	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.4	86.5	91.4	96.6	97.7	98.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831

LAKENHEATH RAF UK

73-87

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	GT9.7	EQ9.7	GF8.9	GE6.9	GF4.8	GF4.7	GF3.2	GF2.4	GF2.7	GF1.6	GF1.2	GF1.0	GF0.8	GF0.5	GF0.4	GF0.0
≥ 20000	27.0	38.3	39.1	40.2	40.2	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 18000	31.3	44.6	45.8	47.5	47.7	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 16000	31.7	45.1	46.2	48.0	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 14000	31.8	45.7	47.7	48.7	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 12000	32.5	46.7	48.7	49.7	50.0	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 10000	34.5	48.9	50.4	52.3	52.6	52.7	53.2	53.2	53.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 9000	34.9	49.6	51.1	52.9	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 8000	39.7	55.4	57.4	60.0	60.3	60.4	61.2	61.3	61.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000	40.0	56.8	59.0	61.6	62.0	62.2	63.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 6000	41.5	57.5	59.9	62.5	62.9	63.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 5000	42.6	60.0	62.9	65.3	65.7	65.8	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 4500	48.1	66.5	69.5	72.6	73.0	73.2	74.4	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4000	53.1	72.5	76.1	79.6	80.0	80.2	81.6	81.8	82.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3500	56.8	77.1	81.3	85.1	85.5	85.7	87.1	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	58.1	78.6	82.8	87.1	87.5	87.7	89.2	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	59.1	79.9	84.1	88.7	89.1	89.5	91.0	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2000	59.8	80.8	85.7	90.1	90.8	91.1	92.7	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	63.2	81.4	86.5	91.1	91.7	92.7	93.7	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1600	60.5	81.9	87.1	91.7	92.4	92.7	94.4	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1400	61.2	83.1	88.6	93.5	94.4	94.7	96.5	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	61.2	83.2	88.7	93.8	94.6	94.9	96.7	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	61.2	83.2	88.8	93.9	94.7	95.1	96.8	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	61.4	83.4	89.1	94.2	95.1	95.5	97.2	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	61.4	83.4	89.2	94.4	95.5	95.9	97.7	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	61.4	83.4	89.2	94.4	95.5	95.9	97.7	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	61.4	83.4	89.2	94.4	95.5	95.9	97.7	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	61.4	83.4	89.4	94.5	95.7	96.1	98.0	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	61.4	83.4	89.4	94.5	95.7	96.1	98.0	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	61.4	83.4	89.4	94.5	95.7	96.1	98.1	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03831 LAKENHEATH RAF UK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE10	GE09	GE08	GE07	GE06	GE05	GE04	GE03	GE02	GE01	GE00	GE16	GE17	GE18	GE19	GE20
NO CEILING ≥ 20000	37.4 33.0	43.3 47.2	46.9 51.6	48.9 54.1	51.0 55.7	50.0 55.7	50.1 55.9	50.2 56.0	50.3 56.1	50.3 56.1	50.4 56.2	50.4 56.2	50.4 56.2	50.5 56.3	50.5 56.3	50.6 56.5
≥ 18000	33.2	47.4	51.9	54.3	55.9	55.9	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.7
≥ 16000	33.2	47.4	51.8	54.3	55.9	55.9	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.7
≥ 14000	33.2	47.5	51.9	54.4	56.0	56.0	56.2	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8
≥ 12000	33.3	47.7	52.2	54.6	56.2	56.2	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0
≥ 10000	34.7	49.7	54.2	56.7	58.3	58.3	58.5	58.6	58.7	58.7	58.8	58.8	58.9	58.9	59.0	59.0
≥ 9000	35.1	50.3	54.8	57.3	58.9	58.9	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.8	59.9	59.9
≥ 8000	37.3	53.9	59.2	61.9	63.8	63.8	64.2	64.5	64.6	64.6	64.7	64.8	64.9	64.9	65.1	65.1
≥ 7000	38.3	55.4	61.7	63.7	65.5	65.5	65.9	66.2	66.3	66.3	66.5	66.6	66.7	66.7	66.8	66.8
≥ 6000	38.5	55.6	61.2	63.9	65.7	65.7	66.1	66.5	66.6	66.6	66.7	66.8	66.9	66.9	67.0	67.0
≥ 5000	40.9	58.5	64.2	66.9	68.8	68.8	69.2	69.8	70.0	70.0	70.1	70.2	70.3	70.3	70.4	70.4
≥ 4500	43.3	62.3	68.5	71.3	73.2	73.2	73.7	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.9	74.9
≥ 4000	48.9	68.8	76.9	80.2	82.3	82.4	82.9	83.4	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.2
≥ 3500	51.4	72.3	80.5	84.0	86.7	86.7	86.7	87.2	87.4	87.5	87.6	87.7	87.8	87.8	88.0	88.0
≥ 3000	53.2	73.8	82.2	85.9	88.0	88.1	88.6	89.1	89.4	89.6	89.7	89.8	89.9	89.9	90.0	90.0
≥ 2500	53.5	74.2	82.9	87.2	89.2	89.4	90.0	90.5	90.8	91.0	91.1	91.2	91.3	91.3	91.4	91.4
≥ 2000	54.9	76.2	85.5	89.8	91.8	91.9	92.6	93.5	93.9	94.1	94.2	94.3	94.4	94.4	94.5	94.5
≥ 1800	54.9	76.2	85.5	90.0	92.0	92.2	92.8	93.8	94.1	94.3	94.4	94.5	94.6	94.6	94.7	94.7
≥ 1500	55.5	76.9	86.1	91.8	92.8	92.9	93.5	94.5	94.8	95.1	95.2	95.3	95.4	95.4	95.5	95.5
≥ 1200	55.7	77.4	86.8	91.5	93.5	93.7	94.5	95.5	95.9	96.1	96.2	96.3	96.5	96.5	96.6	96.6
≥ 1000	55.8	77.6	87.0	91.8	93.9	94.0	94.8	95.8	96.2	96.5	96.6	96.7	96.8	96.8	96.9	96.9
≥ 900	55.8	77.8	87.2	92.2	94.2	94.3	95.2	96.3	96.8	97.0	97.1	97.2	97.3	97.3	97.4	97.4
≥ 800	55.9	78.0	87.3	92.7	94.7	94.8	95.8	97.0	97.4	97.6	97.7	97.8	98.0	98.0	98.1	98.1
≥ 700	55.9	78.0	87.5	92.9	95.1	95.2	96.3	97.5	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6
≥ 600	55.9	78.0	87.5	92.9	95.1	95.2	96.3	97.5	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6
≥ 500	56.0	78.1	88.0	93.3	95.5	95.6	96.8	98.1	98.6	98.8	98.9	99.0	99.1	99.1	99.2	99.2
≥ 400	56.0	78.1	88.0	93.4	95.7	95.8	97.0	98.3	98.8	99.0	99.1	99.2	99.4	99.4	99.5	99.5
≥ 300	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	99.9
≥ 200	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	99.9
≥ 100	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	56.0	78.1	88.2	93.8	96.0	96.1	97.3	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
DAY

CEILING FEET	VISIBILITY STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GF87	≥4 GF60	≥3 GF48	≥2.5 GF40	≥2 GF32	≥1.5 GF24	≥1 GF20	≥1 GF16	≥.5 GF12	≥.5 GF10	≥.5 GF08	≥.5 GF05	≥.5 GF04	≥.5 GF03
NO CEILING	23.2	32.5	34.7	37.3	38.3	38.4	39.4	47.0	40.2	40.5	40.6	47.7	47.9	41.1	41.2	41.8
IN 20000	26.2	36.9	39.6	42.7	43.9	44.1	45.2	46.0	46.1	46.4	46.5	46.6	46.8	47.1	47.2	47.8
IN 18000	26.4	37.1	39.8	43.0	44.2	44.4	45.6	46.3	46.5	46.8	46.9	47.0	47.2	47.4	47.5	48.1
IN 16000	26.4	37.1	39.8	43.0	44.2	44.4	45.6	46.3	46.5	46.8	46.9	47.0	47.2	47.4	47.5	48.1
IN 14000	26.4	37.3	40.0	43.2	44.4	44.6	45.7	46.5	46.7	46.9	47.1	47.1	47.3	47.6	47.7	48.3
IN 12000	26.6	37.6	40.3	43.6	44.9	45.1	46.3	47.1	47.2	47.6	47.7	47.8	47.9	48.2	48.3	48.9
IN 10000	27.5	38.9	41.7	45.1	46.5	46.7	48.7	48.7	48.9	49.2	49.4	49.4	49.6	49.9	50.0	50.6
IN 9000	28.7	39.6	42.4	45.9	47.2	47.5	49.8	49.6	49.8	50.1	50.2	50.3	50.5	50.8	50.9	51.5
IN 8000	30.9	43.6	46.8	50.7	52.2	52.4	54.7	54.9	55.2	55.6	55.7	55.9	56.1	56.3	56.5	57.1
IN 7000	31.6	44.7	48.1	51.9	53.5	53.7	55.3	56.3	56.5	56.9	57.1	57.2	57.4	57.7	57.8	58.5
IN 6000	31.9	45.1	48.5	52.5	54.0	54.2	56.0	57.0	57.2	57.6	57.8	57.9	58.1	58.4	58.6	59.2
IN 5000	34.2	48.0	51.6	55.7	57.3	57.5	59.4	60.4	60.7	61.2	61.3	61.4	61.7	62.0	62.1	62.8
IN 4500	37.5	52.4	56.3	60.8	62.4	62.7	64.6	65.7	66.0	66.4	66.6	66.7	66.9	67.2	67.4	68.0
IN 4000	43.1	59.2	63.5	68.4	70.1	70.4	72.5	73.6	73.9	74.4	74.6	74.7	74.9	75.2	75.4	76.0
IN 3500	46.9	63.6	68.2	73.2	75.0	75.3	77.4	78.5	78.9	79.3	79.5	79.6	79.9	80.2	80.3	81.0
IN 3000	49.6	66.9	71.7	77.2	79.1	79.4	81.5	82.7	83.0	83.6	83.8	83.9	84.1	84.4	84.6	85.2
IN 2500	50.5	68.1	73.0	78.7	80.6	81.0	83.2	84.4	84.7	85.3	85.5	85.6	85.8	86.1	86.3	86.9
IN 2000	51.9	70.0	75.2	81.2	83.2	83.6	85.8	87.2	87.5	88.1	88.3	88.4	88.6	88.9	89.1	89.7
IN 1800	52.2	70.5	75.8	81.9	83.9	84.3	86.6	87.9	88.3	88.8	89.0	89.1	89.4	89.7	89.9	90.5
IN 1600	53.1	71.8	77.2	83.6	85.8	86.2	88.6	90.0	90.3	90.9	91.1	91.2	91.4	91.7	91.9	92.6
IN 1400	53.8	72.9	78.6	85.2	87.5	87.9	90.4	91.8	92.2	92.8	93.0	93.1	93.3	93.6	93.8	94.5
IN 1200	53.9	73.2	78.9	85.6	88.0	88.4	90.9	92.5	92.8	93.4	93.6	93.7	94.0	94.3	94.5	95.1
IN 1000	54.0	73.3	79.1	86.0	88.4	88.8	91.4	93.0	93.4	93.9	94.1	94.3	94.5	94.8	95.0	95.6
IN 900	54.1	73.4	79.3	86.3	88.9	89.4	92.1	93.8	94.1	94.7	94.9	95.1	95.3	95.6	95.8	96.4
IN 800	54.1	73.6	79.5	86.7	89.4	89.9	92.7	94.4	94.8	95.5	95.7	95.8	96.0	96.3	96.5	97.2
IN 700	54.1	73.7	79.6	86.9	89.6	90.1	92.9	94.8	95.2	95.8	96.0	96.2	96.4	96.7	96.9	97.6
IN 600	54.2	73.7	79.8	87.1	89.9	90.4	93.3	95.3	95.7	96.5	96.7	96.8	97.1	97.4	97.6	98.3
IN 500	54.2	73.8	79.8	87.2	90.0	90.6	93.5	95.6	96.0	96.9	97.1	97.2	97.4	97.8	98.0	98.6
IN 400	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.2	97.1	97.5	97.6	97.8	98.2	98.4	99.1
IN 300	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.5	97.7	97.9	98.3	98.6	99.4
IN 200	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.5	97.7	97.9	98.3	98.6	99.4
IN 100	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.5	97.7	97.9	98.3	98.6	99.4
IN 0	54.2	73.8	79.9	87.3	90.2	90.7	93.7	95.8	96.3	97.2	97.5	97.7	97.9	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035P31 LAKENHEATH RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	200	180	160	140	120	100	90	80	70	60	50	40	30	20	10
NO CEILING	23.4	35.4	38.5	42.5	44.9	45.4	46.7	47.0	47.1	47.9	48.0	48.4	48.7	49.1	49.1	49.4
≥ 20000	25.8	38.8	42.3	47.0	49.6	50.1	51.3	51.7	51.8	52.6	52.7	53.1	53.3	53.8	53.8	54.1
≥ 18000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 16000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 14000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 12000	26.1	39.0	42.5	47.2	49.8	50.3	51.6	51.9	52.0	52.8	52.9	53.3	53.6	54.0	54.0	54.3
≥ 10000	26.9	40.3	44.1	49.2	51.8	52.3	53.6	54.1	54.2	55.0	55.1	55.6	55.8	56.2	56.3	56.7
≥ 9000	27.4	41.0	44.8	49.9	52.6	53.1	54.5	55.0	55.1	55.9	56.0	56.5	56.7	57.1	57.2	57.6
≥ 8000	30.4	44.4	48.6	54.0	56.8	57.6	59.2	59.8	59.9	60.7	60.8	61.2	61.5	61.9	62.0	62.4
≥ 7000	31.2	45.8	50.0	55.6	58.4	59.1	60.8	61.5	61.6	62.5	62.6	63.1	63.4	63.8	63.9	64.3
≥ 6000	31.3	46.1	50.3	56.2	59.0	59.8	61.5	62.1	62.2	63.1	63.3	63.8	64.0	64.5	64.6	64.9
≥ 5000	33.3	48.6	53.1	59.5	62.5	63.3	64.9	65.8	65.9	66.8	66.9	67.5	67.7	68.2	68.3	68.6
≥ 4500	37.9	54.1	58.9	65.8	68.8	69.6	71.4	72.3	72.4	73.3	73.4	73.9	74.2	74.6	74.7	75.1
≥ 4000	42.0	59.6	64.6	72.0	75.1	75.8	77.6	78.6	78.7	79.6	79.7	80.3	80.5	81.0	81.1	81.4
≥ 3500	43.9	62.4	67.4	74.9	78.0	78.7	80.5	81.7	81.9	82.7	83.0	83.5	83.7	84.2	84.3	84.6
≥ 3000	46.4	65.6	71.6	78.6	81.6	82.4	84.3	85.7	86.1	87.0	87.2	87.8	88.0	88.4	88.5	88.9
≥ 2500	47.3	67.1	72.4	80.5	83.5	84.3	86.4	87.9	88.2	89.1	89.3	89.9	90.1	90.5	90.6	91.0
≥ 2000	47.7	68.0	73.3	81.7	84.7	85.5	87.6	89.1	89.4	90.3	90.5	91.1	91.3	91.8	91.9	92.2
≥ 1800	48.0	68.5	73.8	82.6	85.6	86.4	88.5	90.0	90.3	91.2	91.4	92.0	92.2	92.7	92.8	93.1
≥ 1500	48.4	69.2	74.6	83.9	87.0	87.8	90.2	91.6	92.0	92.9	93.1	93.7	93.9	94.3	94.4	94.8
≥ 1200	49.1	70.2	75.6	84.9	88.0	88.8	91.5	93.1	93.5	94.4	94.7	95.2	95.4	95.9	96.0	96.3
≥ 1000	49.1	70.2	75.7	85.0	88.4	89.2	92.1	93.7	94.1	95.0	95.2	95.8	96.0	96.4	96.5	96.9
≥ 900	49.1	70.2	75.7	85.0	88.4	89.2	92.1	93.7	94.1	95.0	95.2	95.8	96.0	96.4	96.5	96.9
≥ 800	49.2	70.4	75.9	85.2	88.6	89.4	92.3	93.9	94.3	95.2	95.4	96.0	96.2	96.7	96.8	97.1
≥ 700	49.2	70.5	76.2	85.9	89.3	90.1	93.0	94.5	95.0	95.9	96.1	96.7	96.9	97.3	97.4	97.8
≥ 600	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.4	96.3	96.5	97.1	97.3	97.8	97.9	98.2
≥ 500	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	98.4
≥ 400	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	98.4
≥ 300	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	98.4
≥ 200	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	98.4
≥ 100	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	98.4
≥ 0	49.4	70.7	76.4	86.3	89.8	90.5	93.4	95.0	95.7	96.5	96.8	97.3	97.6	98.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135931 STATION LAKENHEATH RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	20.3	28.5	32.6	36.6	39.1	47.1	42.2	42.6	42.7	43.2	43.2	43.9	44.1	45.3	45.3	46.9
≥ 20000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 18000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 16000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 14000	21.4	30.1	34.6	39.1	41.6	42.6	44.9	45.3	45.4	46.0	46.0	46.7	46.9	47.8	48.1	49.7
≥ 12000	21.4	30.2	34.7	39.2	41.7	42.7	45.7	45.4	45.5	46.1	46.1	46.8	47.0	47.9	48.2	49.8
≥ 10000	21.4	31.3	36.0	40.6	43.4	44.4	46.9	47.3	47.4	48.0	48.0	48.7	48.9	49.8	51.1	51.7
≥ 9000	22.2	31.6	36.6	41.2	44.0	45.0	47.4	47.9	48.0	48.5	48.5	49.2	49.4	50.3	51.7	52.2
≥ 8000	24.4	34.5	41.1	45.2	48.2	49.4	52.3	53.1	53.2	53.8	53.8	54.5	54.7	55.6	55.9	57.5
≥ 7000	24.9	35.5	41.2	46.9	49.9	51.1	54.7	54.8	54.9	55.5	55.5	56.1	56.4	57.3	57.6	59.2
≥ 6000	25.4	36.3	42.7	47.8	51.8	52.7	54.9	55.7	55.8	56.4	56.4	57.0	57.3	58.1	58.5	60.0
≥ 5000	27.0	39.0	45.0	51.7	54.8	56.0	58.9	59.7	59.8	60.4	60.4	61.0	61.3	62.2	62.5	64.1
≥ 4500	32.3	45.8	51.9	54.8	62.3	63.6	67.0	67.9	68.0	68.6	68.6	69.3	69.5	70.4	70.8	72.3
≥ 4000	35.4	49.6	55.9	63.5	67.3	68.6	72.0	73.1	73.2	73.9	73.9	74.6	74.8	75.7	76.0	77.6
≥ 3500	37.4	52.8	59.5	67.3	71.1	72.4	76.7	77.1	77.2	78.0	78.0	78.7	78.9	79.8	80.1	81.7
≥ 3000	38.4	53.8	60.5	68.4	72.7	74.1	77.7	78.8	79.7	79.8	79.8	80.5	80.7	81.6	81.9	83.5
≥ 2500	39.3	55.6	62.4	70.6	75.0	76.6	80.1	81.3	81.5	82.3	82.3	82.9	83.1	84.7	84.4	85.9
≥ 2000	41.7	58.5	65.4	74.2	78.6	80.2	84.2	85.3	85.5	86.3	86.3	86.9	87.2	88.1	88.4	90.0
≥ 1800	42.0	58.7	65.6	74.4	78.8	80.5	84.4	85.5	85.7	86.5	86.5	87.2	87.4	88.3	88.6	90.2
≥ 1500	43.1	59.8	66.7	75.9	80.2	81.9	85.8	86.9	87.2	87.9	87.9	88.7	89.0	89.8	90.2	91.7
≥ 1200	43.8	60.8	67.7	77.0	81.5	83.1	87.3	88.4	88.6	89.4	89.4	90.2	90.4	91.3	91.6	93.2
≥ 1000	44.1	61.2	68.1	77.6	82.3	83.9	88.1	89.5	89.7	90.5	90.5	91.3	91.5	92.4	92.7	94.3
≥ 900	44.1	61.2	68.1	77.6	82.3	83.9	88.1	89.5	89.7	90.5	90.5	91.3	91.5	92.4	92.7	94.3
≥ 800	44.1	61.2	68.1	77.7	82.5	84.2	88.3	89.8	90.1	90.8	90.8	91.6	91.9	92.7	93.1	94.6
≥ 700	44.2	61.4	68.4	78.3	83.4	85.7	89.2	90.7	91.0	91.9	91.9	92.6	92.9	93.8	94.1	95.6
≥ 600	44.2	61.4	68.4	78.5	83.6	85.3	89.5	91.2	91.4	92.3	92.3	93.1	93.3	94.2	94.5	96.1
≥ 500	44.4	61.7	68.8	79.0	84.2	85.8	90.1	91.9	92.1	93.1	93.2	94.0	94.2	95.1	95.4	97.0
≥ 400	44.4	61.7	68.9	79.1	84.3	85.9	90.2	92.0	92.2	93.3	93.4	94.2	94.5	95.4	95.8	97.3
≥ 300	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	95.8	96.1	97.7
≥ 200	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	95.9	96.2	97.9
≥ 100	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	95.9	96.3	98.5
≥ 0	44.4	61.7	68.9	79.2	84.4	86.0	90.3	92.1	92.3	93.5	93.6	94.4	94.9	96.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 125531 LAKENHEATH RAF UK STATION NAME

73-87 YEAR

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

632-7872

CEILING FEET	VISIBILITY STATUTE MILES															
	210	200	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OF HOURS	GE91	GE90	GE85	GE80	GE75	GE70	GE65	GE60	GE55	GE50	GE45	GE40	GE35	GE30	GE25	GE20
2 20000	15.4	22.1	24.7	30.0	31.5	32.7	34.2	35.9	36.7	37.1	37.6	37.8	37.9	38.2	39.5	40.2
2 18000	17.3	25.0	29.0	35.4	37.1	37.6	39.7	41.7	42.7	43.7	43.9	44.0	44.2	44.6	45.7	46.8
2 16000	17.3	25.1	29.1	35.5	37.2	37.7	39.8	41.9	42.1	43.1	43.9	44.1	44.3	44.8	45.1	46.9
2 14000	17.3	25.1	29.1	35.5	37.2	37.7	39.8	41.9	42.1	43.1	43.9	44.1	44.3	44.8	45.1	46.9
2 12000	17.4	25.2	29.4	35.8	37.6	38.2	42.3	42.5	43.5	44.3	44.5	44.8	45.2	45.5	47.3	
2 10000	17.7	26.2	30.6	37.3	39.2	39.7	41.9	43.9	44.1	45.2	46.7	46.2	46.5	47.7	47.3	49.1
2 9000	19.1	26.7	31.7	37.7	39.6	40.2	42.3	44.3	44.5	45.6	46.4	46.7	47.7	47.4	47.8	49.6
2 8000	20.4	30.0	34.8	42.1	44.4	45.1	47.5	50.1	50.4	51.7	52.5	52.7	53.0	53.5	53.8	55.6
2 7000	27.9	30.6	35.6	43.3	45.9	46.5	49.1	51.7	52.7	53.3	54.1	54.4	54.7	55.1	55.5	57.3
2 6000	21.3	31.1	36.2	43.9	46.4	47.1	49.8	52.5	52.8	54.1	54.9	55.1	55.5	55.9	56.3	58.7
2 5000	23.2	33.4	38.5	46.8	49.3	50.0	53.7	55.8	56.4	57.7	58.5	58.7	59.7	59.5	59.8	61.6
2 4500	25.7	36.7	42.1	51.5	54.2	54.9	58.1	60.9	61.5	62.8	63.6	63.8	64.2	64.6	65.7	67.0
2 4000	24.8	41.1	46.8	56.5	59.5	60.3	63.7	66.6	67.3	68.6	69.4	69.8	70.1	70.5	70.9	72.9
2 3500	37.1	43.1	49.2	59.5	62.7	63.5	67.2	77.2	70.9	72.2	73.0	73.4	73.8	74.2	74.6	76.6
2 3000	31.3	44.9	51.1	61.4	64.8	65.6	69.4	72.4	73.1	74.6	75.3	75.8	76.1	76.6	76.9	78.9
2 2500	32.7	47.4	54.2	65.0	68.6	69.4	73.3	76.3	77.7	78.5	79.2	79.7	80.7	80.5	80.8	82.8
2 2000	33.9	48.8	55.8	67.1	70.9	71.7	75.6	78.6	79.2	80.8	81.6	82.0	82.4	82.8	83.1	85.2
2 1800	34.7	49.1	56.1	67.4	71.2	72.0	75.9	78.9	79.6	81.1	81.9	82.4	82.7	83.1	83.5	85.5
2 1500	35.5	50.9	58.7	69.5	73.3	74.1	78.1	81.1	81.8	83.4	84.2	84.6	85.0	85.5	85.8	87.8
2 1200	36.9	52.8	62.4	72.3	76.7	77.5	81.6	84.8	85.6	87.2	87.9	88.4	88.8	89.3	89.6	91.6
2 1000	37.1	52.9	60.9	73.3	78.0	78.8	82.9	86.2	87.1	88.7	89.5	90.0	90.4	90.8	91.2	93.2
2 900	37.1	52.9	60.9	73.3	78.0	78.8	82.9	86.2	87.1	88.7	89.5	90.0	90.4	90.8	91.2	93.2
2 800	37.1	52.9	61.7	74.0	78.8	79.6	83.7	87.1	87.9	89.7	90.6	91.2	91.6	92.1	92.4	94.4
2 700	37.1	52.9	61.2	74.3	79.1	79.9	84.4	87.8	88.7	90.5	91.4	92.0	92.4	92.9	93.3	95.3
2 600	37.1	52.9	61.2	74.4	79.4	80.1	84.7	88.2	89.1	90.8	91.7	92.3	92.7	93.2	93.6	95.6
2 500	37.1	52.9	61.2	74.8	79.7	80.6	85.2	88.8	89.7	91.6	92.6	93.4	93.9	94.3	94.8	96.8
2 400	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.2	90.1	92.0	93.0	93.8	94.2	94.6	95.1	97.1
2 300	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.3	95.8	97.8
2 200	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.4	96.1	98.5
2 100	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.4	96.2	99.8
2 0	37.1	52.9	61.2	74.8	79.7	80.8	85.5	89.3	90.2	92.2	93.2	94.1	94.6	95.4	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

922-1120

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.1	31.4	32.9	36.6	37.6	37.7	37.9	38.1	38.1	38.1	39.2	39.2	39.2	39.2	39.2	38.3
≥ 20000	29.0	38.9	41.1	45.7	47.0	47.1	47.4	47.7	47.8	47.9	48.0	48.0	48.0	48.1	48.1	48.1
≥ 18000	29.7	39.0	41.2	45.8	47.1	47.2	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2
≥ 16000	29.7	39.0	41.2	45.8	47.1	47.2	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2
≥ 14000	29.7	39.0	41.2	45.8	47.1	47.2	47.6	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2
≥ 12000	29.2	39.2	41.6	46.1	47.6	47.7	48.1	48.2	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7
≥ 10000	37.9	41.2	43.6	48.2	49.8	50.0	50.3	50.6	50.7	50.8	50.9	50.9	50.9	51.0	51.0	51.0
≥ 9000	37.9	41.6	43.9	48.6	50.1	50.3	50.7	50.9	51.0	51.1	51.2	51.2	51.2	51.3	51.3	51.3
≥ 8000	33.6	45.3	48.7	53.6	55.4	55.7	56.2	56.4	56.6	56.7	56.8	56.8	56.8	56.9	56.9	56.9
≥ 7000	34.7	46.0	48.9	54.7	56.6	56.8	57.3	57.6	57.7	57.8	57.9	57.9	57.9	58.0	58.0	58.0
≥ 6000	34.7	46.1	49.1	55.0	57.0	57.2	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4
≥ 5000	35.9	48.0	51.0	57.2	59.2	59.4	60.7	60.2	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7
≥ 4500	38.9	51.6	54.9	61.3	63.3	63.6	64.2	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1
≥ 4000	41.8	56.1	59.7	66.3	68.4	68.7	69.4	70.0	70.3	70.4	70.6	70.6	70.6	70.7	70.7	70.8
≥ 3500	44.4	59.4	63.6	70.6	72.7	72.9	73.7	74.2	74.6	74.8	74.9	74.9	74.9	75.0	75.0	75.1
≥ 3000	48.2	63.8	68.2	75.4	77.7	77.9	78.7	79.2	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.1
≥ 2500	50.9	67.7	72.3	79.8	82.0	82.3	83.2	83.8	84.1	84.3	84.4	84.4	84.4	84.6	84.6	84.7
≥ 2000	52.9	70.7	75.6	83.1	85.3	85.7	86.6	87.2	87.6	87.8	87.9	87.9	87.9	88.0	88.0	88.1
≥ 1800	53.2	71.2	76.1	83.7	85.9	86.2	87.1	87.8	88.1	88.3	88.4	88.4	88.4	88.6	88.6	88.7
≥ 1500	54.0	73.1	78.2	85.8	88.1	88.4	89.4	90.2	90.6	91.0	91.1	91.1	91.1	91.2	91.2	91.3
≥ 1200	54.6	73.9	79.7	87.3	89.8	90.2	91.2	92.1	92.4	93.0	93.1	93.1	93.1	93.2	93.2	93.3
≥ 1000	54.8	74.8	81.1	89.1	92.1	92.6	93.6	94.4	94.8	95.3	95.4	95.4	95.4	95.6	95.6	95.7
≥ 900	54.8	74.9	81.2	89.2	92.3	92.8	93.8	94.7	95.1	95.8	95.9	95.9	95.9	96.0	96.0	96.1
≥ 800	54.8	75.0	81.4	89.9	93.1	93.6	94.6	95.4	95.9	96.6	96.7	96.7	96.7	96.8	96.8	96.9
≥ 700	54.8	75.0	81.4	89.9	93.3	93.8	94.8	95.7	96.1	96.8	96.9	96.9	96.9	97.0	97.0	97.1
≥ 600	54.8	75.1	81.6	90.3	93.8	94.2	95.4	96.3	96.8	97.4	97.6	97.6	97.6	97.7	97.7	97.8
≥ 500	54.8	75.2	81.7	90.8	94.2	94.7	95.9	96.9	97.3	98.0	98.1	98.1	98.1	98.2	98.2	98.3
≥ 400	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.4	98.6	98.6	98.6	98.7	98.7	98.9
≥ 300	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.4	98.7	98.8	98.8	98.9	98.9	99.1
≥ 200	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.6	98.8	98.9	98.9	99.0	99.0	99.6
≥ 100	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.6	98.8	98.9	98.9	99.1	99.2	99.9
≥ 0	54.8	75.2	81.7	90.8	94.2	94.7	96.1	97.1	97.6	98.6	98.8	98.9	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36021 LAKENHEATH PAF JK

77-82

SLP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 2-1972

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	GE10	GE09	GE08	GE06	GE04	GE03	GE02	GE01	GE16	GE15	GE10	GE09	GE08	GE06	GE04	GE03
NO CEILING	23.7	33.3	34.6	35.4	35.5	35.5	35.7	35.8	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2
1 20000	31.3	42.9	44.8	45.8	45.9	45.9	46.2	46.3	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6
2 18000	1.5	43.6	45.5	46.5	46.6	46.6	46.8	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
3 16000	31.5	43.6	45.5	46.5	46.6	46.6	46.8	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
4 14000	31.5	43.6	45.5	46.5	46.6	46.6	46.8	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
5 12000	31.8	44.0	45.9	46.9	47.1	47.1	47.3	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7
6 10000	33.8	46.6	48.5	49.5	49.6	49.6	49.8	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
7 9000	34.3	47.1	49.2	50.2	50.3	50.3	50.5	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9
8 8000	37.5	50.0	53.7	54.4	54.6	54.6	54.8	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
9 7000	37.9	51.5	53.7	54.9	55.2	55.2	55.4	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
10 6000	38.3	51.0	54.2	55.4	55.6	55.6	55.8	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
11 5000	39.8	53.9	56.3	57.7	58.0	58.0	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
12 4500	42.7	57.6	60.3	61.8	62.1	62.1	62.3	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
13 4000	47.9	64.4	67.1	68.6	69.1	69.1	69.3	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
14 3500	53.9	71.3	74.2	75.9	76.3	76.3	76.5	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
15 3000	59.5	78.7	81.1	83.2	83.6	83.6	83.9	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
16 2500	62.7	81.8	85.1	87.3	87.8	87.8	88.1	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
17 2000	64.1	85.3	88.8	91.2	91.7	91.7	92.1	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
18 1800	64.2	85.8	89.2	92.0	92.5	92.5	93.0	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
19 1600	64.8	87.7	90.7	93.7	94.3	94.3	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
20 1400	65.4	87.9	91.9	94.9	95.6	95.6	96.1	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
21 1200	65.4	88.3	92.5	95.9	96.7	96.7	97.3	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
22 1000	65.4	88.4	92.7	96.0	96.8	96.8	97.4	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
23 900	65.5	88.8	93.7	96.3	97.1	97.1	98.0	98.3	98.6	98.9	99.7	99.0	99.0	99.0	99.0	99.0
24 800	65.5	89.3	93.3	96.7	97.4	97.4	98.3	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
25 700	65.5	89.0	93.4	96.9	97.7	97.7	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
26 600	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
27 500	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
28 400	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
29 300	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
30 200	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
31 100	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
32 0	65.5	89.0	93.4	97.1	97.9	97.9	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75531 LAKENHEATH RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-0-1700

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075
NO. OF OBS.	6197	6097	6587	6667	6648	6647	6632	6624	6620	6616	6617	6610	6603	6605	6604	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603	6603
≥ 20000	22.6	32.6	34.8	35.3	36.0	36.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	29.8	41.9	44.5	45.2	45.9	45.9	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 16000	37.2	42.9	45.6	46.2	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000	37.3	43.0	45.7	46.3	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	31.2	44.0	46.8	47.6	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	33.1	46.8	49.6	50.3	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 9000	34.7	48.0	50.9	51.6	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	39.2	54.6	57.7	59.2	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	47.6	56.7	59.1	60.7	61.3	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	41.0	56.8	59.9	61.4	62.1	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	43.9	60.4	63.6	65.1	65.8	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500	47.7	64.8	68.1	70.1	71.9	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	54.1	73.9	77.3	79.6	80.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	58.1	78.4	81.9	84.2	85.1	85.3	86.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	61.4	83.0	86.7	89.1	90.0	90.3	91.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	63.6	86.0	89.8	92.3	93.2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	64.7	87.8	91.9	94.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	64.8	87.9	91.9	94.6	95.9	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	65.1	88.7	92.9	95.8	97.2	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	65.1	88.8	93.7	95.9	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	65.1	89.1	93.3	96.2	97.7	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	65.1	89.1	93.3	96.2	97.7	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	65.1	89.1	93.6	96.4	97.9	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	65.1	89.1	93.6	96.6	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	65.2	89.2	93.7	96.7	98.1	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35031 LAKENHEATH RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - 15

CEILING FEET	VISIBILITY - STATUTE MILES OR (HUNDREDS OF METERS)															
	GE07	GE09	GE08	GE06	GE04	GE03	GE02	GE01	GE00	GE16	GE15	GE14	GE13	GE12	GE11	GE10
2 20000	22.8	33.7	37.6	39.8	41.4	41.4	41.1	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
2 18000	29.9	41.2	45.4	48.3	49.0	49.0	49.7	49.8	49.8	50.0	50.7	50.7	50.7	50.7	50.7	50.7
2 16000	29.2	41.8	46.1	49.0	49.7	49.7	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
2 14000	29.2	42.7	46.9	49.9	50.6	51.3	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6
2 12000	31.9	45.1	49.9	53.2	53.9	53.9	54.6	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
2 10000	32.4	46.1	50.9	54.2	54.9	54.9	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
2 9000	36.3	51.6	56.8	61.2	61.9	61.9	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2 8000	38.4	53.6	59.7	63.6	64.2	64.2	65.7	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7
2 7000	38.6	53.7	59.1	63.9	64.6	64.6	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
2 6000	41.3	57.2	63.0	67.9	68.6	68.6	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2 5000	46.2	63.6	69.4	74.4	75.2	75.3	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2 4500	47.2	68.2	74.3	79.8	80.9	81.0	82.6	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2 4000	52.2	72.6	79.3	84.4	85.7	85.8	87.3	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
2 3500	55.4	77.0	84.2	89.4	90.9	90.9	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2 3000	56.7	78.2	85.4	91.1	92.4	92.6	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2 2500	56.6	79.4	86.8	92.9	94.3	94.4	96.0	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2 2000	56.6	79.6	86.9	93.1	94.6	94.7	96.2	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2 1800	57.1	80.1	87.6	94.0	95.6	95.7	97.4	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 1600	57.3	80.3	87.8	94.2	95.8	95.9	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2 1400	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 1200	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 1000	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 900	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 800	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 700	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 600	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 500	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 400	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 300	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 200	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 100	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2 0	57.3	80.3	88.0	94.6	96.1	96.2	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-87
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.02-23.02
NO. OF DAYS

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO. CEILING	GT97	EQ90	GF87	GF60	GF48	GF47	GF32	GF24	GF27	GF16	GF17	GF10	GF08	GF05	GF04	GF0
≥ 20000	27.8	40.8	45.3	49.0	50.4	51.7	51.1	51.8	51.8	52.7	52.7	52.2	52.2	52.2	52.2	52.2
≥ 18000	30.3	43.9	48.6	52.2	53.9	54.4	54.7	55.3	55.3	55.6	55.6	55.8	55.8	55.8	55.8	55.8
≥ 16000	37.6	44.2	49.9	52.6	54.2	54.8	55.0	55.7	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1
≥ 14000	37.6	44.2	49.9	52.6	54.2	54.8	55.0	55.7	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1
≥ 12000	31.7	44.7	49.3	53.3	54.7	55.2	55.4	56.1	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6
≥ 10000	32.7	46.4	51.3	55.6	57.2	57.8	58.7	59.0	59.7	59.2	59.2	59.4	59.4	59.4	59.4	59.4
≥ 9000	32.8	46.9	51.8	56.0	57.8	58.3	58.9	59.9	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3
≥ 8000	35.8	50.6	56.4	61.6	63.8	64.3	65.0	66.0	66.0	66.2	66.2	66.4	66.4	66.4	66.4	66.4
≥ 7000	36.3	51.3	57.3	62.6	64.8	65.3	66.7	67.0	67.7	67.2	67.2	67.4	67.4	67.4	67.4	67.4
≥ 6000	36.7	51.8	57.8	63.7	65.3	65.9	66.6	67.7	67.7	67.9	67.9	68.1	68.1	68.1	68.1	68.1
≥ 5000	38.1	54.2	60.2	65.9	68.2	68.8	69.4	70.6	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.0
≥ 4500	42.1	60.0	66.3	72.1	74.6	75.1	76.0	77.2	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7
≥ 4000	45.1	63.9	70.2	76.7	79.2	79.8	81.0	82.3	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9
≥ 3500	46.7	65.7	72.2	78.9	81.4	82.1	83.2	84.7	84.7	85.0	85.0	85.2	85.2	85.2	85.2	85.2
≥ 3000	49.4	69.4	76.3	83.0	85.6	86.1	87.3	88.8	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3
≥ 2500	50.2	71.1	78.0	84.8	87.4	88.0	89.4	90.9	90.9	91.3	91.3	91.6	91.6	91.6	91.6	91.6
≥ 2000	51.2	73.0	80.2	87.7	90.4	91.0	92.6	94.0	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.7
≥ 1800	51.6	73.3	80.6	88.0	90.8	91.3	92.9	94.3	94.3	94.8	94.8	95.0	95.0	95.0	95.0	95.0
≥ 1500	52.3	74.3	81.9	89.6	92.3	92.9	94.4	95.9	95.9	96.3	96.3	96.6	96.6	96.6	96.6	96.6
≥ 1200	52.8	74.9	82.4	90.3	93.3	93.9	95.6	97.1	97.1	97.6	97.6	97.8	97.8	97.8	97.8	97.8
≥ 1000	52.8	74.9	82.4	90.4	93.6	94.1	95.8	97.3	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1
≥ 900	53.1	75.1	82.7	90.8	93.9	94.4	96.1	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 800	53.4	75.6	83.1	91.3	94.4	95.0	96.7	98.2	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0
≥ 700	53.4	75.6	83.2	91.4	94.6	95.1	96.9	98.4	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3
≥ 600	53.4	75.6	83.3	91.6	94.7	95.2	97.1	98.6	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 500	53.4	75.6	83.3	91.6	94.7	95.2	97.0	98.6	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 400	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	53.4	75.6	83.3	91.6	94.7	95.2	97.1	99.0	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 175931 LAKENHEATH RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025
NO CEILING	22.4	32.2	35.1	38.2	39.4	39.8	40.4	41.1	41.1	41.5	41.6	41.8	41.9	42.1	42.1	42.6
≥20000	26.7	37.8	41.3	44.8	46.3	46.6	47.5	48.0	48.1	48.4	48.6	48.8	48.9	49.1	49.2	49.6
≥18000	26.9	38.2	41.7	45.2	46.6	47.7	47.9	48.4	48.4	48.8	49.7	49.2	49.2	49.5	49.6	50.0
≥16000	26.9	38.2	41.7	45.2	46.6	47.7	47.9	48.4	48.4	48.8	49.7	49.2	49.2	49.5	49.6	50.0
≥14000	26.9	38.3	41.7	45.3	46.7	47.0	47.9	48.4	48.5	48.9	49.7	49.2	49.3	49.5	49.6	50.1
≥12000	27.3	38.6	42.1	45.7	47.2	47.5	48.4	48.9	49.0	49.4	49.5	49.7	49.8	50.0	50.1	50.5
≥10000	28.6	40.5	44.2	48.0	49.5	49.9	50.9	51.3	51.4	51.8	51.9	52.1	52.2	52.5	52.6	53.0
≥9000	27.0	41.1	44.9	48.7	50.2	50.5	51.6	52.2	52.2	52.6	52.8	53.0	53.1	53.3	53.4	53.9
≥8000	32.3	45.2	49.5	53.9	55.6	56.1	57.3	58.0	58.1	58.5	58.6	58.8	58.9	59.2	59.3	59.7
≥7000	33.0	46.3	50.6	55.3	57.0	57.5	58.7	59.4	59.5	60.0	60.1	60.3	60.4	60.6	60.7	61.2
≥6000	33.3	46.7	51.1	55.8	57.6	58.1	59.3	60.1	60.2	60.6	60.7	60.9	61.0	61.3	61.4	61.8
≥5000	35.3	49.4	53.9	59.0	60.8	61.2	62.6	63.4	63.5	63.9	64.1	64.3	64.4	64.6	64.7	65.2
≥4500	39.1	54.3	59.7	64.5	66.4	66.9	68.4	69.2	69.4	69.8	70.0	70.2	70.3	70.5	70.6	71.1
≥4000	43.1	59.6	64.6	70.4	72.5	73.0	74.6	75.5	75.7	76.2	76.3	76.5	76.6	76.9	77.0	77.5
≥3500	45.8	63.2	68.4	74.5	76.6	77.1	78.8	79.8	79.9	80.5	80.6	80.8	80.9	81.2	81.3	81.8
≥3000	48.8	66.9	72.4	78.6	80.9	81.4	83.1	84.1	84.3	84.9	85.0	85.3	85.4	85.6	85.7	86.2
≥2500	51.3	69.4	75.7	81.4	83.8	84.3	86.1	87.1	87.3	87.9	88.1	88.3	88.4	88.6	88.7	89.2
≥2000	51.6	71.5	77.2	84.0	86.5	87.0	88.9	89.9	90.2	90.8	90.9	91.1	91.2	91.5	91.6	92.1
≥1800	51.8	71.8	77.5	84.5	86.9	87.5	89.4	90.4	90.6	91.2	91.4	91.6	91.7	91.9	92.0	92.5
≥1500	52.6	72.9	78.8	86.0	88.5	89.1	91.1	92.1	92.3	93.0	93.1	93.4	93.5	93.7	93.8	94.3
≥1200	53.1	73.7	79.8	87.1	89.7	90.3	92.4	93.5	93.8	94.4	94.6	94.8	95.0	95.2	95.3	95.8
≥1000	53.2	74.0	80.3	87.8	90.6	91.2	93.4	94.5	94.8	95.5	95.7	95.9	96.0	96.3	96.4	96.9
≥900	53.2	74.1	80.3	87.8	90.7	91.3	93.5	94.6	94.9	95.7	95.8	96.1	96.2	96.4	96.5	97.0
≥800	53.3	74.2	80.5	88.2	91.1	91.7	93.9	95.1	95.4	96.2	96.4	96.6	96.7	97.0	97.1	97.6
≥700	53.3	74.2	80.7	88.5	91.5	92.1	94.3	95.5	95.8	96.6	96.8	97.1	97.2	97.4	97.5	98.0
≥600	53.4	74.3	80.8	88.7	91.7	92.3	94.6	95.8	96.1	96.9	97.1	97.4	97.5	97.7	97.8	98.3
≥500	53.4	74.3	80.8	88.9	91.9	92.5	94.8	96.1	96.4	97.3	97.5	97.8	97.9	98.1	98.2	98.7
≥400	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.2	96.6	97.5	97.7	98.0	98.2	98.4	98.5	99.0
≥300	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.6	98.7	99.2
≥200	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.6	98.8	99.4
≥100	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.6	98.8	99.7
≥0	53.4	74.3	80.8	88.9	91.9	92.5	94.9	96.3	96.6	97.6	97.8	98.1	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7189

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75031 LAKENHEATH RAF UK

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	20.2	27.0	31.4	34.8	35.7	36.5	38.1	39.2	39.3	39.9	40.3	40.6	40.7	41.3	42.7	43.9
≥ 20000	23.0	30.3	35.0	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 18000	23.1	30.3	35.1	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 16000	23.1	30.3	35.1	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 14000	23.1	30.3	35.1	39.1	40.0	40.8	42.4	43.6	43.9	44.7	45.1	45.3	45.4	46.1	46.7	48.7
≥ 12000	23.0	30.3	35.1	39.2	40.2	41.0	42.6	43.8	44.1	44.9	45.3	45.5	45.6	46.3	46.9	48.9
≥ 10000	23.7	31.4	36.1	40.2	41.3	42.1	43.7	44.9	45.2	46.0	46.4	46.6	46.7	47.4	48.7	49.9
≥ 9000	23.9	31.9	36.7	40.9	42.0	42.7	44.3	45.5	45.8	46.6	47.0	47.2	47.4	48.7	48.7	50.6
≥ 8000	25.2	34.1	38.9	43.5	44.7	45.4	47.1	48.3	48.7	49.4	49.8	50.1	50.2	50.8	51.5	53.4
≥ 7000	25.6	34.4	39.3	43.8	45.0	45.7	47.5	48.9	49.2	49.9	50.4	50.7	50.8	51.5	52.1	54.0
≥ 6000	25.9	34.7	39.6	44.1	45.3	46.1	47.8	49.2	49.5	50.3	50.7	51.0	51.1	51.8	52.4	54.4
≥ 5000	27.0	36.4	41.3	46.0	47.1	47.9	49.6	51.0	51.3	52.1	52.5	52.9	53.0	53.6	54.3	56.2
≥ 4500	31.4	41.7	47.1	52.5	53.7	54.5	56.3	57.8	58.1	59.1	59.7	60.0	60.1	60.7	61.4	63.4
≥ 4000	33.3	46.1	52.1	57.8	59.1	60.0	61.9	63.5	63.9	64.9	65.5	65.8	65.9	66.6	67.2	69.3
≥ 3500	34.7	48.2	54.5	60.4	61.8	62.7	64.7	66.3	66.7	67.7	68.3	68.6	68.7	69.4	70.0	72.1
≥ 3000	37.5	52.5	59.2	66.0	68.0	68.8	70.9	72.5	72.8	73.9	74.4	74.8	74.9	75.5	76.2	78.2
≥ 2500	38.0	53.2	60.0	67.5	69.7	70.6	73.1	74.8	75.1	76.2	76.7	77.0	77.1	77.8	78.4	80.6
≥ 2000	39.9	56.1	63.3	71.4	73.8	74.6	77.5	79.3	79.6	80.8	81.3	81.7	81.8	82.4	83.1	85.2
≥ 1800	39.9	56.2	63.4	71.6	74.0	74.9	78.2	80.0	80.4	81.6	82.1	82.4	82.5	83.2	83.8	86.0
≥ 1500	40.5	57.2	64.5	73.2	75.6	76.5	80.0	82.0	82.3	83.5	84.0	84.4	84.5	85.1	85.8	87.9
≥ 1200	41.3	58.4	66.1	75.0	77.9	78.7	82.5	84.6	85.0	86.3	86.9	87.4	87.5	88.1	88.8	90.9
≥ 1000	41.3	58.7	66.5	75.7	78.6	79.5	83.4	85.5	86.0	87.3	88.0	88.5	88.6	89.2	89.9	92.0
≥ 900	41.3	58.7	66.4	76.3	79.3	80.2	84.1	86.3	86.7	88.0	88.8	89.2	89.3	90.0	90.6	92.8
≥ 800	41.6	59.2	67.2	77.1	80.4	81.2	85.3	87.5	87.9	89.2	90.0	90.4	90.5	91.2	91.8	94.0
≥ 700	41.6	59.3	67.5	77.5	80.9	81.8	86.0	88.5	88.9	90.2	90.9	91.4	91.5	92.1	92.8	94.9
≥ 600	41.6	59.3	67.5	77.5	81.1	82.1	86.2	88.7	89.1	90.4	91.2	91.6	91.7	92.3	93.0	95.1
≥ 500	41.6	59.4	67.7	78.0	81.8	82.6	86.8	89.9	90.3	91.6	92.3	92.9	93.0	93.6	94.3	96.7
≥ 400	41.6	59.4	67.7	79.1	82.0	82.8	87.1	90.1	90.5	91.8	92.6	93.1	93.2	93.9	94.5	96.9
≥ 300	41.6	59.4	67.7	78.2	82.1	83.0	87.2	90.2	90.7	92.0	92.8	93.4	93.5	94.3	94.9	97.3
≥ 200	41.6	59.4	67.7	78.2	82.1	83.0	87.2	90.2	90.7	92.1	93.0	93.6	93.7	94.6	95.4	98.5
≥ 100	41.6	59.4	67.7	78.2	82.1	83.0	87.2	90.2	90.7	92.1	93.0	93.6	93.7	94.6	95.4	99.4
≥ 0	41.6	59.4	67.7	78.2	82.1	83.0	87.3	90.3	90.8	92.2	93.1	93.7	93.9	94.7	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73B31

LAKENHEATH RAF UK

73-87

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GE97	≥6 GE90	≥5 GE87	≥4 GE80	≥3 GE73	≥2 GE66	≥2 GE59	≥1 GE52	≥1 GE45	≥1 GE38	≥1 GE31	≥1 GE24	≥1 GE17	≥1 GE10	≥1 GE03	≥0 GE00
NO CEILING	16.6	24.4	28.2	32.7	34.6	34.7	37.6	39.0	39.3	39.7	40.3	40.4	40.7	41.4	42.4	44.8
≥ 20000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 18000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 16000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 14000	17.9	25.9	29.8	35.0	37.0	37.1	40.3	41.8	42.1	42.5	43.1	43.3	43.6	44.3	45.3	47.7
≥ 12000	17.9	25.9	29.8	35.0	37.1	37.2	40.4	41.9	42.2	42.6	43.2	43.4	43.7	44.5	45.4	47.8
≥ 10000	18.6	27.2	31.2	36.5	38.9	39.0	42.1	43.6	43.9	44.3	44.9	45.1	45.4	46.2	47.1	49.5
≥ 9000	19.6	27.2	31.3	36.8	39.2	39.3	42.4	43.9	44.2	44.8	45.3	45.5	45.9	46.6	47.6	49.9
≥ 8000	21.1	29.9	34.7	40.0	42.4	42.6	45.7	47.3	47.6	48.1	48.7	48.9	49.2	49.9	51.9	53.3
≥ 7000	21.6	30.5	34.8	40.8	43.2	43.4	46.5	48.0	48.3	48.9	49.4	49.6	49.9	50.7	51.7	54.0
≥ 6000	21.7	30.6	35.7	41.0	43.4	43.6	46.7	48.2	48.5	49.1	49.6	49.8	50.2	50.9	51.9	54.3
≥ 5000	23.0	31.9	36.3	42.5	45.1	45.3	48.5	50.1	50.4	50.9	51.5	51.7	52.7	52.7	53.7	56.1
≥ 4500	26.6	36.9	41.9	48.9	51.6	51.8	55.2	56.7	57.1	57.6	58.1	58.4	58.8	59.7	60.7	63.1
≥ 4000	29.1	40.9	46.4	54.4	57.1	57.3	60.9	62.4	62.8	63.5	64.0	64.4	64.7	65.7	66.6	69.0
≥ 3500	29.8	42.4	48.1	56.3	59.1	59.3	63.7	64.5	64.8	65.6	66.1	66.4	66.7	67.8	68.9	71.3
≥ 3000	31.5	45.4	51.7	60.2	63.5	63.8	67.6	69.1	69.4	70.2	70.7	71.0	71.4	72.4	73.5	75.9
≥ 2500	31.6	45.9	52.3	61.2	65.1	65.6	69.8	71.6	71.9	72.7	73.2	73.5	73.8	74.9	76.0	78.4
≥ 2000	33.5	48.9	55.7	66.1	70.1	70.5	74.7	76.6	77.3	78.0	78.6	78.9	79.2	80.3	81.4	83.7
≥ 1800	33.5	48.9	55.7	66.2	70.2	70.6	75.0	77.5	78.3	79.0	79.5	79.9	80.2	81.3	82.3	84.7
≥ 1600	34.2	49.8	56.9	67.7	71.9	72.3	76.7	79.2	80.0	80.7	81.3	81.6	81.9	83.0	84.1	86.4
≥ 1400	35.2	51.0	58.3	69.4	74.2	74.6	79.7	81.7	82.7	83.4	84.7	84.3	84.6	85.7	86.8	89.1
≥ 1200	35.5	51.5	58.8	70.0	74.7	75.1	79.9	82.6	83.5	84.5	85.1	85.5	85.8	86.9	87.9	90.3
≥ 1000	35.5	51.5	58.8	70.1	74.8	75.2	80.0	83.0	84.0	84.9	85.7	86.0	86.3	87.4	88.5	90.9
≥ 900	35.5	51.6	59.1	71.2	75.9	76.3	81.1	84.2	85.1	86.1	86.9	87.2	87.5	88.6	89.7	92.0
≥ 800	35.5	51.6	59.5	71.9	76.6	77.1	81.9	85.1	86.1	87.1	87.8	88.2	88.5	89.6	90.6	93.0
≥ 700	35.5	51.6	59.6	72.0	76.9	77.3	82.2	85.6	86.5	87.5	88.3	88.7	89.0	90.1	91.2	93.5
≥ 600	35.5	51.9	60.0	72.6	77.5	77.9	83.1	86.5	87.5	88.5	89.3	89.8	90.2	91.3	92.4	94.9
≥ 500	35.5	51.9	60.0	72.6	77.6	78.0	83.4	86.9	87.8	88.8	89.8	90.2	90.6	91.7	92.8	95.4
≥ 400	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.5	88.5	89.6	90.5	91.1	91.5	92.6	93.6	96.2
≥ 300	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.1	94.2	97.3
≥ 200	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.2	94.4	97.0
≥ 100	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.3	94.5	97.0
≥ 0	35.5	51.9	60.0	72.9	78.0	78.5	84.0	87.6	88.6	89.7	90.7	91.3	91.8	93.3	94.5	97.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

73-87

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0600
HOURS 1-51

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5
≥ 10000	11.3	16.5	18.6	22.8	24.6	24.8	25.9	27.3	27.6	28.1	28.8	29.7	29.7	29.7	30.8	32.0	32.0	32.0	32.0	32.0
≥ 8000	13.9	19.3	22.0	27.5	29.5	29.7	31.7	32.7	33.7	33.9	34.8	35.1	35.3	36.7	37.2	38.6	38.6	38.6	38.6	38.6
≥ 6000	14.7	19.4	22.1	27.6	29.6	29.8	31.1	32.8	33.2	34.2	35.7	35.3	35.6	36.2	37.4	38.8	38.8	38.8	38.8	38.8
≥ 4000	14.1	19.5	22.7	27.7	29.8	30.1	31.4	33.0	33.4	34.4	35.2	35.6	35.8	36.4	37.6	39.0	39.0	39.0	39.0	39.0
≥ 2000	14.1	19.5	22.7	27.7	29.8	30.1	31.4	33.0	33.4	34.4	35.2	35.6	35.8	36.4	37.6	39.0	39.0	39.0	39.0	39.0
≥ 1000	15.2	21.2	24.2	29.7	32.2	32.4	33.8	35.6	36.7	37.0	37.8	38.1	38.4	39.7	40.2	41.6	41.6	41.6	41.6	41.6
≥ 800	15.8	22.4	25.5	31.1	33.6	33.8	35.2	37.0	37.9	38.4	39.2	39.5	39.8	40.4	41.6	43.0	43.0	43.0	43.0	43.0
≥ 600	18.3	25.0	28.4	34.6	37.5	37.7	39.2	40.9	41.4	42.6	43.5	43.9	44.1	44.8	46.7	47.4	47.4	47.4	47.4	47.4
≥ 400	19.3	26.5	31.3	36.6	39.5	39.8	41.1	43.0	43.4	44.7	45.7	46.0	46.2	47.0	48.2	49.6	49.6	49.6	49.6	49.6
≥ 200	19.6	26.9	30.8	37.3	40.3	40.5	42.1	43.8	44.2	45.5	46.4	46.8	47.7	47.7	48.9	50.3	50.3	50.3	50.3	50.3
≥ 100	20.7	28.2	32.4	39.0	42.2	42.6	44.2	45.9	46.3	47.6	48.6	49.0	49.2	50.1	51.3	52.7	52.7	52.7	52.7	52.7
≥ 0	23.7	32.2	37.3	45.2	48.6	49.0	50.8	52.7	53.2	54.8	56.3	56.7	56.9	57.8	58.9	61.3	61.3	61.3	61.3	61.3
≥ 10000	25.3	35.1	40.4	50.6	54.1	54.6	56.4	58.5	59.1	61.0	62.4	62.8	63.0	63.9	65.1	66.5	66.5	66.5	66.5	66.5
≥ 8000	26.2	36.5	42.5	52.8	56.4	56.9	58.6	60.9	61.4	63.6	65.0	65.5	65.7	66.6	67.8	69.2	69.2	69.2	69.2	69.2
≥ 6000	27.4	38.5	44.7	55.6	59.5	60.0	62.7	64.3	65.1	67.1	68.5	69.1	69.3	70.2	71.3	72.7	72.7	72.7	72.7	72.7
≥ 4000	27.8	39.1	46.0	57.5	61.5	62.1	64.8	67.0	67.7	69.8	71.2	71.8	72.7	72.8	74.0	75.4	75.4	75.4	75.4	75.4
≥ 2000	28.8	40.4	47.5	59.4	63.5	64.5	67.0	70.7	71.4	73.6	75.0	75.6	75.9	76.8	78.0	79.4	79.4	79.4	79.4	79.4
≥ 1800	29.8	40.4	47.6	59.7	63.8	64.9	67.6	71.2	72.1	74.2	75.6	76.3	76.5	77.5	78.7	80.1	80.1	80.1	80.1	80.1
≥ 1600	29.5	42.7	49.5	62.0	66.3	67.3	70.2	74.2	75.2	77.6	79.0	79.6	79.8	80.8	82.0	83.4	83.4	83.4	83.4	83.4
≥ 1400	29.5	42.2	49.9	62.8	67.3	68.4	71.3	75.8	76.7	79.2	80.6	81.4	81.6	82.7	83.8	85.2	85.2	85.2	85.2	85.2
≥ 1200	29.8	42.7	50.5	63.8	68.6	69.7	72.6	77.0	78.0	80.5	81.9	82.8	83.2	84.1	85.2	86.6	86.6	86.6	86.6	86.6
≥ 1000	29.8	42.7	50.8	64.0	69.2	70.4	73.3	77.8	78.9	81.5	82.9	83.8	84.1	85.1	86.3	87.7	87.7	87.7	87.7	87.7
≥ 800	31.0	43.0	51.1	64.7	69.9	71.1	74.1	79.7	79.8	82.5	83.9	84.9	85.1	86.3	87.5	88.9	88.9	88.9	88.9	88.9
≥ 600	30.0	43.0	51.1	65.0	70.5	71.9	75.0	79.8	81.7	84.3	85.7	86.7	87.0	88.1	89.3	90.7	90.7	90.7	90.7	90.7
≥ 400	30.0	43.0	51.1	65.2	70.9	72.3	75.4	80.4	81.7	84.9	86.3	87.4	87.6	88.8	90.0	91.4	91.4	91.4	91.4	91.4
≥ 200	30.0	43.0	51.1	65.5	71.3	72.8	76.2	81.3	82.5	85.9	87.6	88.8	89.1	90.3	91.5	92.9	92.9	92.9	92.9	92.9
≥ 100	30.0	43.0	51.1	65.6	71.4	73.0	76.5	81.7	83.0	86.3	88.3	89.4	89.7	91.2	92.3	93.8	93.8	93.8	93.8	93.8
≥ 0	30.0	43.0	51.1	65.6	71.6	73.1	76.9	82.1	83.5	87.3	89.4	90.7	91.3	93.0	94.2	96.9	96.9	96.9	96.9	96.9
≥ 0	30.1	43.1	51.2	65.7	71.7	73.2	77.0	82.2	83.6	87.4	89.5	90.9	91.5	93.2	94.5	98.8	98.8	98.8	98.8	98.8
≥ 0	30.1	43.1	51.2	65.7	71.7	73.2	77.0	82.2	83.6	87.4	89.5	90.9	91.6	93.4	94.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831

LAKENHEATH RAF UK

73-82

QCT

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1977-1978
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	GE90	GE80	GE70	GE60	GE50	GE40	GE30	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02
NO CEILING	17.9	24.0	25.7	29.5	29.9	29.9	37.5	30.9	31.7	31.1	31.4	31.4	31.5	31.6	31.9	32.1
≥ 20000	22.4	29.7	32.5	37.7	38.1	38.3	39.7	39.6	40.7	40.5	40.9	40.9	41.7	41.3	41.5	41.7
≥ 18000	22.8	30.3	33.7	38.7	39.1	39.3	40.0	40.6	40.9	41.5	41.9	41.9	42.7	42.2	42.4	42.9
≥ 16000	22.8	30.3	32.7	38.7	39.1	39.3	40.0	40.6	40.9	41.5	41.9	41.9	42.7	42.2	42.4	42.9
≥ 14000	22.9	30.6	32.9	38.9	39.3	39.5	41.2	40.8	41.1	41.7	42.1	42.1	42.2	42.4	42.7	43.1
≥ 12000	22.9	30.7	33.0	39.0	39.4	39.6	41.3	40.9	41.3	41.8	42.2	42.2	42.3	42.5	42.8	43.2
≥ 10000	23.3	31.7	34.1	40.4	41.0	41.4	42.2	43.1	43.5	44.1	44.5	44.5	44.6	44.8	45.7	45.5
≥ 9000	24.4	33.0	35.5	42.0	42.7	43.0	43.8	44.7	45.1	45.7	46.1	46.1	46.2	46.4	46.7	47.1
≥ 8000	27.2	36.3	39.1	46.2	47.2	47.5	48.5	49.5	49.9	50.6	51.2	51.2	51.3	51.5	51.7	52.2
≥ 7000	28.1	37.8	40.9	48.3	49.2	49.6	51.5	51.5	51.9	52.8	53.3	53.3	53.5	53.7	53.9	54.3
≥ 6000	28.4	38.4	41.6	49.0	51.1	50.4	51.4	52.4	52.8	53.8	54.3	54.3	54.4	54.6	54.9	55.3
≥ 5000	30.1	40.8	44.3	52.1	53.3	53.7	54.6	55.6	56.7	57.0	57.6	57.6	57.7	57.9	58.1	58.6
≥ 4500	31.7	43.3	46.9	56.3	57.6	57.9	59.0	59.9	60.4	61.3	61.9	61.9	62.7	62.7	62.8	63.0
≥ 4000	33.3	46.8	51.1	61.9	63.6	64.1	65.3	66.7	67.3	68.3	68.8	68.8	68.9	69.1	69.3	69.9
≥ 3500	36.7	48.9	53.2	64.5	66.2	66.7	67.9	69.5	70.2	71.2	71.7	71.7	71.8	72.0	72.2	72.8
≥ 3000	38.1	52.1	56.7	68.5	70.5	71.1	72.4	74.1	74.7	75.7	76.2	76.2	76.3	76.6	76.8	77.3
≥ 2500	38.9	53.7	58.5	70.4	72.5	73.0	74.3	76.0	76.8	77.8	78.3	78.3	78.4	78.6	78.8	79.4
≥ 2000	39.6	55.9	61.0	73.7	76.0	76.6	78.3	80.2	81.1	82.1	82.6	82.6	82.7	82.9	83.2	83.7
≥ 1800	41.0	56.4	61.4	74.2	76.7	77.2	78.9	80.9	81.7	82.7	83.3	83.3	83.4	83.6	83.8	84.3
≥ 1500	41.7	57.5	63.1	76.5	79.0	79.8	81.5	83.6	84.4	85.6	86.2	86.2	86.3	86.5	86.7	87.3
≥ 1200	41.1	58.0	63.8	77.9	81.7	81.4	83.6	86.0	86.8	88.1	88.7	88.7	88.8	89.0	89.2	89.7
≥ 1000	41.3	58.1	63.9	78.5	81.6	82.5	84.7	87.1	88.0	89.4	90.2	90.2	90.3	90.5	90.7	91.3
≥ 900	41.3	58.2	64.3	78.8	82.0	82.8	85.0	87.5	88.6	90.0	91.7	91.7	91.8	91.9	91.3	91.8
≥ 800	41.3	58.2	64.5	79.0	82.2	83.0	85.3	88.0	89.1	90.5	91.3	91.3	91.4	91.6	91.8	92.3
≥ 700	41.3	58.3	64.6	79.6	82.9	83.8	86.2	89.0	90.2	91.7	92.4	92.4	92.5	92.8	93.0	93.5
≥ 600	41.3	58.3	64.9	79.9	83.4	84.2	86.7	89.5	91.7	92.5	93.5	93.5	93.6	93.8	94.1	94.6
≥ 500	41.3	58.3	65.0	80.3	83.8	84.7	87.3	90.1	91.5	93.4	94.4	94.4	94.5	94.7	94.9	95.5
≥ 400	41.3	58.3	65.0	80.5	84.0	85.0	87.6	90.4	92.0	94.1	95.2	95.4	95.6	95.8	96.0	96.5
≥ 300	41.3	58.3	65.7	80.5	84.1	85.1	87.7	90.5	92.3	94.5	95.7	96.0	96.4	97.0	97.3	97.8
≥ 200	41.3	58.3	65.7	80.5	84.1	85.1	87.7	90.6	92.4	94.6	95.8	96.2	96.7	97.2	97.6	98.6
≥ 100	41.3	58.3	65.7	80.5	84.1	85.1	87.7	90.6	92.4	94.6	95.8	96.2	96.7	97.6	98.3	99.7
≥ 0	41.3	58.3	65.0	80.5	84.1	85.1	87.7	90.6	92.4	94.6	95.8	96.3	96.8	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 926

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75831
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
YEAR

061
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-1400
MOON

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	17.5	23.4	24.6	26.0	26.6	26.6	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	25.3	32.5	33.8	35.6	36.2	36.2	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 18000	25.6	32.8	34.1	36.1	36.8	36.8	37.6	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0
≥ 16000	25.7	32.9	34.2	36.2	36.9	36.9	37.7	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	26.1	33.3	34.6	36.7	37.3	37.3	38.2	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000	26.7	33.9	35.3	37.3	38.0	38.0	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 10000	28.0	35.6	37.4	40.1	40.8	40.8	41.6	42.0	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2
≥ 9000	29.9	36.7	38.5	41.3	41.9	41.9	42.8	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
≥ 8000	31.2	40.0	42.2	45.3	45.9	46.1	47.1	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000	32.7	41.7	44.1	47.2	47.8	48.2	49.1	49.6	49.6	49.6	49.8	49.9	49.9	49.9	49.9	49.9
≥ 6000	32.8	42.3	44.5	47.8	48.5	48.8	49.8	50.2	50.2	50.4	50.5	50.5	50.5	50.5	50.6	50.6
≥ 5000	35.6	46.2	48.6	52.2	52.8	53.1	54.1	54.5	54.5	54.7	54.8	54.8	54.8	54.8	54.9	54.9
≥ 4500	37.4	49.2	52.3	55.8	56.7	57.0	58.0	58.4	58.4	58.6	58.7	58.7	58.7	58.8	58.8	58.8
≥ 4000	42.6	56.1	59.2	63.4	64.5	64.8	65.8	66.3	66.3	66.6	66.7	66.7	66.7	66.8	66.8	66.8
≥ 3500	47.3	61.4	64.7	69.2	70.3	70.6	71.6	72.2	72.2	72.4	72.5	72.5	72.5	72.6	72.6	72.6
≥ 3000	50.1	66.2	69.7	74.8	75.9	76.2	77.2	77.7	77.7	78.1	78.2	78.2	78.2	78.3	78.3	78.3
≥ 2500	51.3	68.0	71.7	76.9	78.2	78.5	79.6	80.1	80.1	80.4	80.5	80.5	80.5	80.6	80.6	80.6
≥ 2000	53.8	71.9	76.6	82.4	84.3	84.7	86.1	86.9	86.9	87.2	87.3	87.3	87.3	87.4	87.4	87.4
≥ 1800	53.9	72.4	77.1	83.1	85.2	85.7	87.1	87.8	87.8	88.2	88.3	88.3	88.3	88.4	88.4	88.4
≥ 1500	54.5	74.1	79.1	86.5	88.8	89.4	91.1	91.8	91.8	92.2	92.3	92.3	92.3	92.4	92.4	92.4
≥ 1200	54.6	74.4	79.6	87.5	90.0	90.5	92.5	93.2	93.2	93.5	93.8	93.8	93.8	93.9	93.9	93.9
≥ 1000	54.7	74.6	80.2	88.6	91.1	91.7	93.8	94.5	94.5	94.8	95.1	95.1	95.1	95.2	95.2	95.2
≥ 900	54.7	74.7	80.3	88.7	91.2	91.8	93.9	94.6	94.6	94.9	95.2	95.2	95.2	95.3	95.3	95.3
≥ 800	54.7	74.7	80.3	88.8	91.4	92.0	94.2	95.1	95.1	95.4	95.6	95.6	95.6	95.7	95.7	95.7
≥ 700	54.7	74.9	80.5	89.4	91.9	92.8	95.4	96.2	96.2	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥ 600	54.7	74.9	80.5	89.7	92.3	93.2	96.2	97.2	97.2	97.6	97.8	97.8	97.8	98.0	98.0	98.0
≥ 500	54.7	74.9	80.5	90.0	92.6	93.5	96.6	97.7	97.7	98.2	98.4	98.4	98.4	98.5	98.5	98.5
≥ 400	54.7	74.9	80.5	90.0	92.7	93.7	96.7	97.8	97.8	98.5	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.5	99.5	99.5
≥ 200	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.6	99.7	99.7
≥ 100	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.6	99.7	99.7
≥ 0	54.7	74.9	80.5	90.0	92.7	93.7	96.7	98.0	98.1	98.8	99.2	99.4	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK

73-87

JOY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	GE90	GE90	GE80	GE60	GE40	GE20	GE20	GE20	GE20	GE20	GE20	GE20	GE20	GE20	GE20	GE20
≥ 20000	18.0	24.1	25.4	27.8	28.2	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 18000	24.8	31.8	33.7	37.0	37.6	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 16000	25.1	32.0	34.0	37.3	38.1	38.2	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 14000	25.2	32.4	34.3	37.6	38.4	38.5	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 12000	25.3	32.5	34.4	37.7	38.5	38.6	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000	26.1	33.8	35.8	39.4	40.1	40.2	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000	27.7	36.3	38.7	42.7	43.4	43.5	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 8000	29.6	37.3	39.7	43.7	44.5	44.6	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	31.6	42.7	44.9	49.2	50.2	50.3	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 6000	33.7	44.0	47.0	51.3	52.3	52.4	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 5000	33.3	44.4	47.4	51.7	52.7	52.8	53.4	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500	35.4	46.7	49.7	54.1	55.1	55.2	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4000	39.1	51.3	54.3	59.5	60.5	60.6	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3500	43.7	57.3	61.6	67.1	68.3	68.5	69.1	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	46.9	62.9	68.7	74.2	75.4	75.6	76.3	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	50.2	67.1	72.7	79.4	80.8	81.0	81.8	82.0	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	51.7	69.2	74.9	81.7	83.1	83.4	84.4	84.6	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	54.3	72.6	79.1	86.6	88.5	88.8	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1600	54.3	72.8	79.5	86.9	88.8	89.1	90.5	90.9	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1400	54.3	73.1	80.1	88.3	90.6	91.0	92.5	93.0	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	54.6	73.8	81.1	89.4	92.2	92.5	94.1	94.6	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	54.6	73.9	81.4	89.8	92.8	93.3	94.9	95.5	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	54.6	74.0	81.6	90.0	93.0	93.5	95.4	96.0	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	54.6	74.3	81.7	90.1	93.1	93.8	95.6	96.2	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	54.6	74.1	81.9	90.5	93.7	94.3	96.2	97.0	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	54.6	74.1	81.9	91.0	94.2	94.9	96.9	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	54.6	74.1	81.9	91.0	94.2	95.1	97.1	98.0	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	54.6	74.1	81.9	91.0	94.2	95.1	97.2	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35831 LAKENHEATH RAF UK

73-87

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05
NO CEILING	21.0	28.2	31.4	33.5	34.9	35.1	35.9	36.7	36.9	37.0	37.1	37.1	37.2	37.2	37.2	37.2
≥20000	24.7	32.2	36.2	38.9	42.4	40.5	41.6	42.6	42.8	43.0	43.1	43.2	43.3	43.3	43.3	43.4
≥18000	24.3	32.5	36.6	39.2	40.8	40.9	41.9	42.9	43.1	43.3	43.4	43.5	43.7	43.7	43.7	43.8
≥16000	24.3	32.7	36.8	39.5	41.7	41.7	42.2	43.1	43.3	43.5	43.7	43.8	43.9	43.9	43.9	44.0
≥14000	24.3	32.9	37.1	39.7	41.2	41.3	42.4	43.3	43.5	43.8	43.9	44.0	44.1	44.1	44.1	44.2
≥12000	24.6	33.3	37.4	40.3	41.8	41.9	43.7	44.0	44.2	44.4	44.5	44.6	44.7	44.7	44.7	44.8
≥10000	26.1	34.9	39.2	42.4	43.9	44.0	45.4	46.3	46.6	46.8	46.9	47.0	47.1	47.1	47.1	47.2
≥9000	26.5	35.5	39.8	42.9	44.4	44.5	45.9	46.9	47.1	47.3	47.4	47.5	47.6	47.6	47.6	47.7
≥8000	28.3	38.7	43.1	46.7	48.3	48.4	49.8	50.8	51.7	51.2	51.3	51.4	51.5	51.5	51.5	51.6
≥7000	29.1	40.0	44.4	48.0	49.7	49.8	51.2	52.2	52.4	52.6	52.7	52.8	52.9	52.9	52.9	53.1
≥6000	29.2	40.1	44.5	48.2	50.0	50.1	51.7	52.7	52.9	53.1	53.2	53.3	53.4	53.5	53.5	53.8
≥5000	31.9	43.1	47.8	51.5	53.5	53.7	55.3	56.2	56.5	56.7	56.8	56.9	57.0	57.1	57.1	57.3
≥4500	34.6	46.8	51.8	56.0	58.1	58.2	59.8	60.8	61.7	61.2	61.7	61.8	61.9	61.6	61.6	61.8
≥4000	39.2	53.3	58.9	64.1	66.3	66.5	68.2	69.1	69.4	69.8	69.9	70.0	70.1	70.2	70.2	70.4
≥3500	47.5	56.0	62.3	67.7	70.7	70.1	72.7	73.9	73.2	73.7	73.8	73.9	74.0	74.1	74.1	74.3
≥3000	43.4	60.1	67.2	73.1	75.6	75.7	77.7	78.7	78.9	79.8	79.9	80.0	80.1	80.2	80.2	80.4
≥2500	44.9	62.3	69.5	75.9	78.4	78.5	80.5	81.5	81.7	82.6	82.7	82.8	82.9	83.0	83.0	83.2
≥2000	47.4	65.4	72.7	80.0	83.0	83.3	85.4	86.9	87.1	88.1	88.2	88.3	88.4	88.5	88.5	88.7
≥1800	47.4	65.6	72.9	80.2	83.2	83.5	86.0	87.1	87.3	88.5	88.6	88.7	88.8	88.9	88.9	89.1
≥1600	48.1	67.7	74.6	82.3	85.3	85.8	88.5	89.9	90.1	91.3	91.4	91.5	91.6	91.7	91.7	91.9
≥1400	48.5	67.6	75.5	83.8	87.1	87.7	90.9	92.3	92.5	93.8	93.9	94.0	94.1	94.3	94.3	94.5
≥1200	48.8	68.0	75.9	84.3	87.6	88.3	91.4	92.8	93.7	94.3	94.4	94.5	94.6	94.8	94.8	95.1
≥1000	48.8	68.0	75.9	84.4	87.7	88.4	91.5	93.2	93.4	94.7	94.8	94.9	95.1	95.3	95.3	95.5
≥900	48.9	68.1	76.1	84.7	88.2	88.8	91.9	93.7	93.9	95.2	95.3	95.4	95.5	95.7	95.7	95.9
≥800	48.9	68.3	76.5	85.1	88.6	89.2	92.9	94.5	94.7	96.0	96.1	96.2	96.3	96.6	96.6	96.8
≥700	48.9	68.4	76.7	85.4	88.9	89.6	92.8	94.9	95.2	96.5	96.6	96.7	96.8	97.0	97.0	97.2
≥600	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.0	96.3	97.8	98.0	98.1	98.2	98.4	98.4	98.6
≥500	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.7	98.7	98.9
≥400	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1
≥300	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1
≥200	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1
≥100	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1
≥0	48.9	68.5	76.8	85.9	89.6	90.2	93.9	96.2	96.6	98.1	98.2	98.4	98.5	98.8	98.8	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

73-87

007

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

117-2300

NO. CEILING FEET	VISIBILITY, STATUTE MILES OR (HUNDREDS OF METERS)															
	GE01	GE02	GE03	GE04	GE05	GE06	GE07	GE08	GE09	GE10	GE11	GE12	GE13	GE14	GE15	GE16
≥ 20000	23.5	30.6	33.0	36.7	37.7	38.1	38.9	40.2	40.5	41.5	42.0	42.2	42.4	42.8	42.9	43.5
≥ 18000	25.7	33.3	36.1	39.9	41.0	41.3	42.3	43.7	44.0	45.5	46.0	46.1	46.5	47.0	47.1	47.8
≥ 16000	25.9	33.4	36.2	40.0	41.1	41.4	42.4	43.8	44.1	45.6	46.1	46.2	46.6	47.1	47.2	48.0
≥ 14000	25.9	33.4	36.2	40.0	41.1	41.4	42.4	43.8	44.1	45.6	46.1	46.2	46.6	47.1	47.2	48.0
≥ 12000	25.9	33.4	36.2	40.0	41.1	41.4	42.4	43.8	44.1	45.6	46.1	46.2	46.6	47.1	47.2	48.0
≥ 10000	27.3	35.7	38.6	42.5	43.5	43.9	44.8	46.2	46.6	48.1	48.7	48.8	49.1	49.7	49.8	50.5
≥ 9000	27.7	37.1	40.3	44.2	45.3	45.6	46.6	48.0	48.3	49.8	50.4	50.5	50.9	51.4	51.5	52.3
≥ 8000	29.5	39.1	42.5	46.9	48.1	48.4	49.5	50.9	51.2	52.7	53.3	53.4	53.8	54.3	54.4	55.2
≥ 7000	29.1	39.8	43.3	47.8	49.0	49.4	50.4	51.8	52.0	53.7	54.4	54.6	54.9	55.9	55.9	56.9
≥ 6000	29.9	40.5	44.1	48.9	50.1	50.4	51.5	52.9	53.2	54.7	55.5	55.7	56.0	56.9	57.0	57.8
≥ 5000	31.5	42.5	46.0	51.0	52.2	52.5	53.5	54.9	55.3	56.8	57.5	57.7	58.1	58.9	59.0	59.9
≥ 4500	33.3	45.6	49.2	54.7	55.9	56.2	57.3	58.7	59.0	60.5	61.3	61.5	61.8	62.7	62.8	63.7
≥ 4000	37.1	50.6	54.7	61.1	62.3	62.6	63.7	65.1	65.4	67.1	67.8	68.1	68.5	69.4	69.5	70.3
≥ 3500	39.5	53.3	57.5	64.4	65.6	65.9	67.2	68.6	68.9	70.6	71.5	71.7	72.2	73.0	73.1	74.0
≥ 3000	41.1	56.5	61.2	68.6	70.0	70.3	71.6	73.0	73.4	75.2	76.0	76.2	76.7	77.5	77.6	78.5
≥ 2500	41.7	57.7	62.6	70.6	72.3	72.7	74.3	75.7	76.1	77.8	78.7	78.9	79.4	80.2	80.3	81.2
≥ 2000	43.9	61.1	66.2	75.2	77.3	77.7	79.6	81.1	81.6	83.3	84.2	84.4	84.8	85.7	85.8	86.7
≥ 1800	43.8	61.3	66.5	75.4	77.7	78.2	80.0	81.6	82.2	83.9	84.7	84.9	85.4	86.2	86.3	87.2
≥ 1500	44.6	62.5	67.7	76.8	79.4	79.8	81.9	83.7	84.0	86.0	86.9	87.1	87.5	88.4	88.5	89.4
≥ 1200	45.3	63.7	69.4	78.5	81.3	81.7	84.0	85.8	86.3	88.3	89.1	89.4	89.8	90.6	90.8	91.6
≥ 1000	45.4	64.2	70.7	79.4	82.2	82.7	84.9	86.9	87.5	89.5	90.3	90.5	91.0	91.8	91.9	92.8
≥ 900	45.4	64.2	70.7	79.4	82.2	82.7	84.9	86.9	87.5	89.5	90.3	91.2	91.4	91.8	92.7	93.7
≥ 800	45.5	64.4	70.4	79.9	82.8	83.3	85.7	88.2	88.8	91.2	92.0	92.3	92.7	93.5	93.7	94.5
≥ 700	45.7	64.7	70.8	80.3	83.3	83.9	86.2	89.0	89.7	92.0	92.9	93.1	93.5	94.4	94.5	95.4
≥ 600	45.7	64.7	70.8	80.3	83.3	83.9	86.2	89.0	89.7	92.0	92.9	93.1	93.5	94.4	94.5	95.4
≥ 500	45.9	64.9	71.0	81.1	84.7	85.4	88.3	91.2	91.8	94.3	95.2	95.4	95.9	96.8	96.9	97.8
≥ 400	45.9	64.9	71.1	81.3	84.9	85.6	88.5	91.5	92.2	94.6	95.5	95.7	96.2	97.1	97.3	98.3
≥ 300	45.9	64.9	71.1	81.3	84.9	85.6	88.5	91.5	92.2	94.6	95.5	95.7	96.2	97.1	97.3	98.3
≥ 200	45.9	64.9	71.1	81.3	84.9	85.6	88.5	91.5	92.2	94.6	95.5	95.7	96.2	97.1	97.3	98.3
≥ 100	45.9	64.9	71.1	81.3	84.9	85.6	88.5	91.5	92.2	94.6	95.5	95.7	96.2	97.1	97.3	98.3
≥ 0	45.9	64.9	71.1	81.3	84.9	85.6	88.5	91.5	92.2	94.6	95.5	95.7	96.2	97.1	97.3	98.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK

73-87

307

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
20000	13.3	24.9	27.3	31.5	31.5	31.7	32.9	33.6	33.8	34.1	34.5	34.5	34.7	35.0	35.4	36.0
18000	22.3	29.6	32.5	36.6	37.8	38.7	39.3	40.3	40.5	41.1	41.4	41.6	41.7	42.1	42.5	43.3
16000	22.3	29.7	32.7	36.7	37.9	38.1	39.4	40.4	40.6	41.2	41.5	41.7	41.8	42.2	42.6	43.4
14000	22.4	29.8	32.8	36.8	38.0	38.3	39.5	40.5	40.8	41.3	41.7	41.8	42.0	42.3	42.7	43.6
12000	22.6	30.1	33.1	37.3	38.5	38.7	40.0	41.0	41.2	41.8	42.1	42.3	42.4	42.8	43.2	44.0
10000	23.9	31.8	35.7	39.3	40.6	40.9	42.2	43.3	43.5	44.1	44.5	44.6	44.8	45.1	45.5	46.4
8000	24.3	32.7	35.9	40.4	41.7	41.9	43.1	44.3	44.6	45.2	45.6	45.7	45.9	46.2	46.6	47.5
6000	26.4	35.7	39.2	44.1	45.5	45.8	47.2	48.3	48.5	49.2	49.6	49.7	49.9	50.2	50.6	51.5
4000	27.3	36.8	40.5	45.5	47.0	47.3	48.7	49.8	50.7	50.7	51.1	51.3	51.4	51.9	52.2	53.1
2000	27.6	37.3	40.9	46.0	47.6	47.8	49.3	50.4	50.6	51.3	51.8	51.9	52.1	52.5	52.9	53.8
1000	29.4	39.5	43.3	48.5	50.2	50.5	52.1	53.2	53.3	54.0	54.4	54.6	54.7	55.2	55.6	56.5
500	31.9	43.4	47.7	53.6	55.3	55.7	57.2	58.3	58.6	59.4	59.9	60.0	60.7	60.6	61.0	62.0
250	35.5	48.3	53.1	60.1	61.9	62.3	63.9	65.1	65.4	66.3	66.8	67.2	67.2	67.6	68.0	69.2
150	37.5	51.2	56.4	63.7	65.6	66.0	67.7	68.9	69.2	70.2	70.7	70.9	71.7	71.5	71.9	72.9
100	39.9	54.8	60.4	68.3	70.5	70.9	72.7	73.9	74.3	75.3	75.8	76.0	76.2	76.7	77.1	78.2
75	40.7	56.1	62.7	70.2	72.6	73.0	75.1	76.4	76.8	77.8	78.3	78.5	78.7	79.2	79.6	80.5
50	42.6	59.0	65.3	74.3	77.1	77.6	79.9	81.5	82.7	83.7	83.5	83.7	83.9	84.4	84.8	85.7
25	42.7	59.2	65.5	74.7	77.5	78.0	80.4	82.1	82.6	83.7	84.7	84.4	84.6	85.1	85.5	86.4
15	43.3	60.4	66.9	76.6	79.6	80.2	82.8	84.7	85.2	86.3	86.9	87.1	87.2	87.7	88.1	89.1
10	43.8	61.1	68.7	78.0	81.3	82.0	84.7	86.7	87.3	88.5	89.0	89.3	89.4	89.9	90.4	91.3
5	43.9	61.5	68.8	78.8	82.2	82.9	85.7	87.8	88.3	89.5	90.2	90.4	90.6	91.1	91.5	92.4
2	44.0	61.7	68.8	79.4	83.0	83.7	86.7	88.9	89.5	90.8	91.5	91.7	91.9	92.4	92.8	93.8
1	44.1	61.8	69.1	79.9	83.6	84.3	87.4	89.9	90.5	91.9	92.6	92.8	93.3	93.5	93.9	94.9
0.5	44.1	61.8	69.1	80.1	83.9	84.8	88.0	90.5	91.1	92.6	93.3	93.6	93.7	94.3	94.7	95.6
0.2	44.1	61.9	69.3	80.6	84.4	85.3	88.7	91.3	92.7	93.5	94.3	94.6	94.8	95.3	95.7	96.7
0.1	44.1	61.9	69.3	80.7	84.6	85.4	88.9	91.6	92.3	93.9	94.7	95.0	95.3	95.8	96.2	97.3
0.05	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.8	92.6	94.3	95.2	95.6	95.9	96.7	97.2	98.6
0.02	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.8	92.6	94.3	95.2	95.7	95.9	96.8	97.3	99.4
0.01	44.1	61.9	69.3	80.7	84.7	85.5	89.0	91.8	92.6	94.3	95.2	95.7	95.9	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

USAF ETAC D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14811 LAKENHEATH DAF UK

73-67

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1111-1111

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)															
	5/8	3/4	5/8	3/4	5/8	3/4	5/8	3/4	5/8	3/4	5/8	3/4	5/8	3/4	5/8	3/4
1000	27.8	33.0	35.4	39.2	47.2	47.3	41.7	42.6	43.7	43.8	47.0	43.9	44.3	44.4	44.5	45.5
900	29.7	35.5	38.7	42.0	43.1	43.2	44.6	45.5	46.2	46.7	46.5	46.8	47.2	47.4	47.6	48.5
800	29.7	35.5	38.7	42.0	43.1	43.2	44.6	45.5	46.2	46.7	46.5	46.8	47.2	47.4	47.6	48.5
700	29.7	35.5	38.7	42.0	43.1	43.2	44.6	45.5	46.2	46.7	46.5	46.8	47.2	47.4	47.6	48.5
600	30.0	35.7	39.2	42.2	43.4	43.5	44.8	45.7	46.4	47.0	47.1	47.1	47.4	47.6	47.9	48.9
500	30.0	35.7	39.2	42.2	43.4	43.5	44.8	45.7	46.4	47.0	47.1	47.1	47.4	47.6	47.9	48.9
400	30.9	36.6	39.1	43.2	44.4	44.6	46.2	47.2	48.0	48.5	49.6	49.8	49.1	49.3	49.5	50.6
300	31.2	37.3	40.2	44.4	45.6	45.8	47.4	48.4	49.2	49.8	49.9	50.0	50.3	50.5	50.8	51.9
200	33.7	40.5	43.7	49.0	49.4	49.7	51.2	52.3	53.0	53.6	53.7	53.8	54.2	54.4	54.6	55.6
100	34.5	42.0	45.3	49.5	51.7	51.2	52.3	54.1	54.3	55.4	55.5	55.6	56.0	56.2	56.4	57.4
50	34.8	42.3	45.6	49.9	51.4	51.6	52.2	54.4	55.2	55.7	55.9	56.0	56.2	56.5	56.7	57.8
25	36.8	44.7	48.0	52.6	54.2	54.4	56.1	57.3	58.1	58.7	58.8	58.9	59.2	59.5	59.7	60.7
15	42.7	50.5	54.8	60.1	61.0	62.2	63.9	65.1	65.9	66.4	66.6	66.7	67.0	67.2	67.5	68.5
10	45.1	53.9	58.8	64.8	66.6	66.9	68.7	70.0	70.8	71.4	71.5	71.6	72.0	72.2	72.4	73.4
5	48.1	57.3	62.3	68.5	70.1	70.6	72.4	73.9	74.7	75.2	75.3	75.5	75.8	76.0	76.2	77.3
2	50.3	60.1	65.2	72.0	73.9	74.3	76.1	77.7	78.5	79.1	79.2	79.3	79.6	79.8	80.1	81.1
1	52.3	62.3	67.5	74.3	76.2	76.7	78.5	80.1	80.9	81.4	81.5	81.6	82.0	82.2	82.4	83.4
0	55.1	65.7	71.1	78.4	80.4	80.9	82.9	84.7	85.5	86.0	86.1	86.3	86.6	86.8	87.0	88.1
900	55.1	65.7	71.1	78.5	80.5	81.0	83.1	85.0	85.8	86.4	86.5	86.6	86.9	87.2	87.4	88.4
800	55.7	66.4	72.1	79.5	81.5	82.0	84.7	86.1	86.9	87.5	87.6	87.7	88.1	88.3	88.5	89.5
700	56.8	67.9	73.6	81.4	83.4	83.9	86.1	88.1	88.9	89.4	89.5	89.6	90.0	90.2	90.4	91.4
600	57.2	68.7	74.5	82.3	84.3	84.9	87.2	89.2	90.0	90.5	90.7	90.8	91.1	91.3	91.6	92.6
500	57.4	68.8	74.7	82.7	84.7	85.2	87.5	89.5	90.3	90.9	91.0	91.1	91.4	91.7	91.9	92.9
400	57.3	68.8	74.8	83.0	85.0	85.6	88.0	90.0	90.8	91.6	91.7	91.8	92.1	92.3	92.6	93.6
300	57.4	68.9	74.9	83.7	85.7	86.3	88.6	90.7	91.4	92.2	92.3	92.5	92.8	93.0	93.2	94.3
200	57.5	69.0	75.2	84.1	86.3	86.8	89.4	91.6	92.3	93.2	93.4	93.5	93.8	94.0	94.3	95.3
100	57.5	69.0	75.2	84.1	86.3	86.8	89.6	91.8	92.6	93.7	93.8	93.9	94.3	94.5	94.7	95.7
50	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.0	93.0	94.5	94.7	94.8	95.2	95.4	95.6	96.6
25	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.7	94.9	95.0	95.4	95.7	95.9	97.0
15	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.9	95.2	95.3	95.6	96.3	96.5	98.3
10	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.9	95.2	95.3	95.7	96.4	96.6	99.4
5	57.5	69.0	75.2	84.1	86.3	86.8	89.8	92.1	93.2	94.9	95.2	95.3	95.7	96.4	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 888

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKEHURST RAF UK

YEAR: 73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100			
20000	23.9	28.8	31.6	34.8	35.7	36.5	38.7	38.7	38.9	39.0	39.5	39.6	39.6	39.8	40.5	42.0				
18000	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5				
16000	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5				
14000	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5				
12000	26.7	32.3	35.1	38.3	39.4	40.0	41.4	42.2	42.3	42.5	43.0	43.1	43.1	43.2	44.0	45.5				
10000	27.6	33.6	36.4	39.8	41.0	41.6	43.0	43.8	43.9	44.0	44.6	44.7	44.7	44.8	45.6	47.1				
9000	29.7	34.3	37.3	40.8	42.2	42.8	44.3	45.0	45.2	45.3	45.8	45.9	45.9	46.1	46.9	48.7				
8000	32.3	36.7	40.0	43.5	45.0	45.6	47.1	47.9	48.0	48.1	48.6	48.8	48.8	48.9	49.7	51.1				
7000	32.9	37.5	40.9	44.6	46.2	46.7	48.2	49.1	49.2	49.3	49.9	50.0	50.0	50.1	50.9	52.4				
6000	31.3	36.2	41.6	45.3	46.8	47.4	49.0	49.9	50.0	50.1	50.7	50.8	50.8	50.9	51.7	53.2				
5000	33.2	40.5	44.0	47.7	49.4	50.0	51.9	52.8	53.0	53.2	53.7	53.8	53.8	53.9	54.7	56.2				
4500	37.7	45.2	49.8	53.9	55.7	56.3	58.3	59.2	59.5	59.6	60.1	60.2	60.2	60.4	61.1	62.7				
4000	43.7	51.4	56.3	62.3	64.3	64.9	66.9	68.0	68.4	68.6	69.3	69.4	69.4	69.5	70.3	71.8				
3500	44.3	52.8	58.1	64.2	66.2	66.8	68.9	69.9	70.3	70.5	71.2	71.3	71.3	71.4	72.2	73.8				
3000	46.7	56.2	61.4	68.6	70.6	71.2	73.2	74.4	74.9	75.1	75.9	75.9	75.9	76.3	76.9	78.4				
2500	48.4	57.9	63.1	70.8	72.9	73.4	75.5	76.7	77.1	77.5	78.2	78.3	78.3	78.4	79.2	80.7				
2000	51.4	61.1	66.3	74.9	77.0	77.7	80.0	81.3	81.8	82.1	82.8	82.9	82.9	83.0	83.8	85.4				
1800	51.5	61.7	66.9	75.9	78.0	78.7	81.1	82.4	82.9	83.2	83.9	84.0	84.0	84.1	84.9	86.5				
1600	53.6	64.2	69.9	79.3	81.4	82.1	84.5	85.8	86.3	86.6	87.3	87.4	87.4	87.5	88.3	89.9				
1400	55.1	66.2	72.0	81.5	83.7	84.5	86.8	88.2	88.6	89.0	89.6	89.8	89.8	89.9	90.7	92.2				
1200	55.3	66.6	72.4	82.0	84.1	84.9	87.3	88.6	89.1	89.4	90.1	90.2	90.2	90.3	91.1	92.7				
1000	55.6	67.1	73.1	82.5	84.7	85.5	87.8	89.2	89.6	90.0	90.7	90.8	90.8	90.9	91.7	93.2				
900	55.6	67.2	73.1	83.0	85.2	86.0	88.4	89.8	90.2	90.5	91.2	91.3	91.3	91.4	92.2	93.8				
800	56.0	67.6	73.4	83.3	85.8	86.6	89.1	90.4	90.9	91.2	91.9	92.0	92.0	92.1	92.9	94.5				
700	56.0	67.6	73.4	83.3	85.9	86.7	89.5	90.9	91.3	91.7	92.3	92.5	92.5	92.6	93.4	94.9				
600	56.7	67.6	73.4	83.6	86.1	87.0	89.9	91.4	91.9	92.2	92.9	93.0	93.0	93.1	93.9	95.5				
500	56.7	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	93.8	93.9	93.9	94.3	95.0	96.6				
400	56.7	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	93.9	94.0	94.0	94.5	95.4	97.4				
300	56.7	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	94.0	94.4	94.4	95.0	96.2	99.1				
200	56.0	67.6	73.4	83.6	86.1	87.0	90.1	91.7	92.2	92.9	94.0	94.4	94.4	95.0	96.2	99.1				

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKEHURST AFB TX YEAR: 73-87 MONTH: NOV
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	GE19	GE20	GE21	GE22	GE23	GE24	GE25	GE26	GE27	GE28	GE29	GE30	GE31	GE32	GE33	GE34
≥ 20000	17.6	22.6	24.1	28.7	28.4	28.6	29.5	30.6	30.7	31.7	31.7	31.4	31.4	31.9	32.3	33.4
≥ 18000	19.5	25.9	27.6	31.8	32.3	32.5	33.6	34.8	34.9	35.1	35.5	35.6	35.6	36.7	36.6	37.8
≥ 16000	19.6	26.7	27.7	31.9	32.4	32.7	33.7	34.9	35.0	35.2	35.6	35.7	35.7	36.1	36.7	38.7
≥ 14000	19.7	26.1	27.8	32.0	32.5	32.8	33.8	35.0	35.1	35.4	35.7	35.8	35.8	36.3	36.8	38.1
≥ 12000	19.7	26.1	27.8	32.0	32.5	32.8	33.8	35.0	35.1	35.4	35.7	35.8	35.8	36.3	36.8	38.1
≥ 10000	21.1	27.8	29.8	34.3	35.0	35.2	36.5	37.7	37.8	38.1	38.4	38.5	38.5	39.7	39.5	40.8
≥ 9000	22.4	29.3	31.4	35.9	36.7	36.9	38.2	39.4	39.5	39.8	40.1	40.2	40.2	40.7	41.2	42.6
≥ 8000	25.8	33.7	35.6	40.4	41.4	41.7	43.7	44.3	44.5	44.7	45.0	45.2	45.2	45.6	46.2	47.5
≥ 7000	26.7	34.0	36.6	41.4	42.5	42.7	44.7	45.3	45.5	45.7	46.1	46.2	46.2	46.6	47.2	48.5
≥ 6000	26.9	34.3	37.7	41.9	42.9	43.1	44.5	45.8	46.1	46.3	46.6	46.7	46.7	47.2	47.7	49.1
≥ 5000	29.7	37.5	40.4	45.6	46.8	47.1	48.6	50.0	50.3	50.6	50.9	51.0	51.0	51.5	52.7	53.4
≥ 4500	34.6	42.6	46.2	52.0	53.4	53.6	55.3	56.6	57.0	57.2	57.5	57.7	57.7	58.1	58.7	60.7
≥ 4000	41.7	50.8	54.5	60.9	62.5	62.7	64.4	65.9	66.3	66.7	67.0	67.1	67.1	67.6	68.1	69.5
≥ 3500	43.9	53.6	57.5	64.5	66.2	66.4	68.1	69.6	70.0	70.4	70.7	70.8	70.8	71.3	71.8	73.2
≥ 3000	45.4	55.4	59.6	67.1	68.9	69.1	71.1	72.5	73.7	73.3	73.6	73.8	73.8	74.2	74.8	76.1
≥ 2500	46.7	56.8	61.0	68.8	70.8	71.1	73.1	74.7	75.1	75.7	76.7	76.1	76.1	76.6	77.1	78.5
≥ 2000	48.4	58.8	63.3	72.0	74.2	74.4	76.8	78.7	79.2	80.0	80.4	80.5	80.6	81.1	81.6	83.7
≥ 1800	49.2	59.7	64.2	73.3	75.6	75.8	78.2	80.1	80.5	81.3	81.8	81.9	82.0	82.4	83.7	84.3
≥ 1500	51.1	62.7	66.8	76.2	78.6	79.1	81.5	83.6	84.0	84.8	85.2	85.4	85.5	85.9	86.5	87.8
≥ 1200	52.1	63.5	68.6	78.2	80.6	81.3	83.9	86.1	86.6	87.4	87.8	88.0	88.1	88.5	89.1	90.4
≥ 1000	52.1	63.5	68.8	78.5	81.1	81.8	84.5	86.7	87.2	88.0	88.4	88.6	88.7	89.2	89.8	91.1
≥ 900	52.1	63.6	69.7	78.8	81.4	82.1	85.0	87.4	87.8	88.6	89.1	89.3	89.4	89.9	90.4	91.8
≥ 800	52.1	63.6	69.7	78.9	81.6	82.3	85.2	87.6	88.1	88.9	89.3	89.5	89.6	90.1	90.7	92.0
≥ 700	52.1	63.6	69.1	79.4	82.1	83.0	86.7	88.5	89.0	89.8	90.2	90.4	90.5	91.0	91.6	92.9
≥ 600	52.1	63.6	69.3	79.7	82.4	83.3	86.4	89.3	89.8	90.5	91.0	91.2	91.3	91.8	92.3	93.7
≥ 500	52.1	63.6	69.3	79.8	82.7	83.7	86.7	89.8	90.2	91.6	92.7	92.2	92.3	92.8	93.4	94.7
≥ 400	52.1	63.6	69.3	80.0	82.8	83.8	86.9	90.1	90.8	92.2	92.7	92.9	93.0	93.5	94.0	95.5
≥ 300	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.6	93.2	93.7	93.9	94.4	94.9	96.6
≥ 200	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.7	93.4	93.8	94.0	94.6	95.6	97.6
≥ 100	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.7	93.4	93.8	94.1	94.7	96.1	99.0
≥ 0	52.1	63.6	69.3	80.0	82.8	83.8	87.0	90.2	91.0	92.7	93.4	93.8	94.1	94.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75831 LAKENHEATH RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	17.6	21.6	22.7	25.9	27.1	27.3	27.8	28.8	28.9	28.9	29.1	29.3	29.5	29.6	29.8	30.4
≥ 2000	22.3	27.5	28.9	32.8	34.1	34.2	34.3	36.0	36.1	36.1	36.3	36.6	36.8	36.9	37.2	37.7
≥ 1800	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 1600	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 1400	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 1200	22.4	27.8	29.3	33.1	34.5	34.6	35.2	36.4	36.5	36.5	36.6	36.9	37.2	37.3	37.5	38.1
≥ 1000	24.1	29.6	31.1	35.1	36.5	36.6	37.5	38.7	38.9	39.0	39.3	39.5	39.6	39.9	40.0	
≥ 900	24.8	30.3	31.8	35.8	37.3	37.4	38.3	39.5	39.6	39.6	39.8	40.1	40.3	40.4	40.7	41.3
≥ 800	28.4	34.7	36.4	40.9	42.6	42.7	44.1	45.5	45.7	45.7	45.8	46.2	46.4	46.5	46.7	47.4
≥ 700	29.6	36.1	37.9	42.5	44.1	44.3	45.7	47.2	47.4	47.4	47.5	47.9	48.1	48.2	48.4	49.1
≥ 600	30.3	36.7	38.5	43.1	44.8	44.9	46.4	47.9	48.1	48.2	48.3	48.6	48.9	49.0	49.2	49.9
≥ 500	31.6	38.7	40.4	45.4	47.4	47.5	49.1	50.6	50.8	51.0	51.1	51.6	51.8	51.9	52.3	52.9
≥ 4500	36.9	44.5	47.1	52.8	54.8	55.0	56.9	58.2	58.4	58.7	58.8	59.2	59.5	59.6	59.9	60.6
≥ 4000	47.9	49.5	52.4	58.6	60.7	60.8	62.7	64.4	64.6	64.9	65.0	65.4	65.7	65.8	66.1	66.9
≥ 3500	42.9	52.6	55.9	62.5	64.6	64.9	66.9	68.8	69.7	69.3	69.4	69.8	70.0	70.2	70.5	71.3
≥ 3000	45.8	56.1	59.5	66.3	68.8	69.1	71.5	73.5	73.8	74.0	74.1	74.5	74.8	75.2	75.3	76.1
≥ 2500	46.7	57.0	60.6	68.0	71.1	71.4	74.1	76.2	76.6	76.9	77.0	77.5	77.7	77.9	78.3	79.1
≥ 2000	48.6	59.0	63.3	71.6	74.9	75.2	78.4	80.6	81.0	81.3	81.4	81.9	82.1	82.3	82.7	83.4
≥ 1800	48.8	59.1	63.5	72.1	75.3	75.7	78.8	81.2	81.5	81.9	82.0	82.4	82.7	82.9	83.2	84.0
≥ 1600	57.8	61.5	66.1	75.3	79.1	79.5	82.8	85.1	85.5	85.8	85.9	86.4	86.6	86.8	87.2	88.0
≥ 1400	51.5	62.6	67.9	77.8	81.6	82.1	85.5	87.8	88.2	88.5	88.6	89.1	89.3	89.5	89.9	90.7
≥ 1200	51.6	62.7	68.0	78.4	82.3	82.8	86.3	88.6	89.0	89.3	89.5	90.0	90.2	90.4	90.8	91.6
≥ 1000	51.6	62.7	68.0	78.4	82.3	82.8	86.3	88.6	89.0	89.3	89.5	90.0	90.2	90.4	90.8	91.6
≥ 900	51.6	62.7	68.0	78.4	82.3	82.8	86.3	88.6	89.0	89.3	89.5	90.0	90.2	90.4	90.8	91.6
≥ 800	51.7	62.8	68.1	78.9	83.4	84.0	87.7	90.2	90.5	91.1	91.3	91.8	92.0	92.2	92.6	93.4
≥ 700	51.7	63.0	68.4	79.3	83.9	84.5	88.6	91.2	91.6	92.1	92.3	92.8	93.0	93.2	93.6	94.4
≥ 600	51.7	63.0	68.4	79.3	84.1	84.8	89.1	92.0	92.3	92.9	93.1	93.6	93.8	94.0	94.4	95.2
≥ 500	51.7	63.0	68.4	79.4	84.3	85.0	89.4	92.3	92.7	93.2	93.5	93.9	94.3	94.5	94.8	95.6
≥ 400	51.7	63.0	68.4	79.4	84.3	85.0	89.4	92.3	92.7	93.2	93.5	93.9	94.3	94.6	94.9	95.6
≥ 300	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.9	95.5	95.9	96.3	97.4
≥ 200	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.9	95.5	95.9	96.3	97.4
≥ 100	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.9	95.5	96.1	96.4	99.0
≥ 0	51.7	63.0	68.4	79.5	84.5	85.1	89.5	92.5	92.9	93.6	94.0	94.9	95.5	96.1	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39931 LAKENHEATH RAF UK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001	≥0.0005
NO CEILING	18.0	23.9	25.9	28.3	29.7	28.8	29.6	29.7	29.7	29.9	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.5
≥ 7000	22.7	29.1	31.8	34.1	34.6	34.7	35.7	35.8	35.8	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.6
≥ 18000	22.9	29.5	31.8	34.6	35.0	35.1	36.1	36.3	36.3	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	37.0
≥ 16000	22.9	29.5	31.8	34.6	35.0	35.1	36.1	36.3	36.3	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	37.0
≥ 14000	23.2	29.9	32.1	34.9	35.4	35.5	36.5	36.6	36.6	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.4
≥ 12000	23.3	30.2	32.4	35.2	35.7	35.8	36.9	36.9	36.9	37.0	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7
≥ 10000	24.5	31.6	34.2	37.1	37.6	37.7	38.8	38.9	38.9	39.1	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.7
≥ 9000	25.6	32.8	35.4	38.4	38.8	38.9	40.1	40.2	40.2	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	41.0
≥ 8000	31.2	38.3	41.2	44.8	45.2	45.5	46.8	46.7	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.5
≥ 7000	31.5	40.3	43.7	47.3	47.7	47.9	49.2	49.4	49.4	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2
≥ 6000	32.4	41.2	44.6	48.3	48.7	48.9	51.2	51.4	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.2
≥ 5000	34.9	43.8	47.4	51.5	52.1	52.3	53.5	53.7	53.7	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.5
≥ 4500	38.8	47.8	51.7	56.2	57.1	57.4	58.8	59.3	59.3	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.2
≥ 4000	43.4	52.9	57.2	62.5	63.5	63.7	65.1	65.9	65.9	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.8
≥ 3500	46.5	56.3	61.3	66.9	67.9	68.1	69.7	70.3	70.3	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.2
≥ 3000	49.8	59.7	64.9	70.6	71.6	71.8	73.4	74.0	74.0	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.9
≥ 2500	51.1	61.6	66.9	73.3	74.6	74.9	76.4	77.0	77.0	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9
≥ 2000	53.8	65.4	71.3	78.2	79.8	80.0	81.9	82.5	82.5	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4
≥ 1800	53.9	65.7	71.6	78.8	80.4	80.6	82.5	83.1	83.1	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0
≥ 1500	54.9	67.1	74.1	81.9	83.7	84.7	85.9	86.6	86.8	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.8
≥ 1200	56.8	69.6	76.8	85.3	87.4	87.7	89.7	90.6	90.7	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7
≥ 1000	57.1	70.0	77.3	86.2	88.9	89.2	91.4	92.3	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4
≥ 900	57.1	70.0	77.3	86.5	89.5	89.8	92.3	93.4	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.5
≥ 800	57.1	70.0	77.3	86.6	89.6	89.9	92.4	93.6	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7
≥ 700	57.1	70.0	77.3	86.6	89.8	90.1	92.8	94.2	94.5	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.6
≥ 600	57.1	70.0	77.3	86.6	89.8	90.1	92.8	94.3	94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8
≥ 500	57.1	70.0	77.3	86.6	89.8	90.1	93.3	94.7	95.4	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9
≥ 400	57.1	70.0	77.3	86.9	90.0	90.3	93.5	94.9	95.6	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1
≥ 300	57.1	70.0	77.3	86.9	91.1	90.5	93.8	95.1	95.7	96.4	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.8
≥ 200	57.1	70.0	77.3	86.9	91.1	90.5	93.8	95.2	96.7	96.6	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	98.7
≥ 100	57.1	70.0	77.3	86.9	91.1	90.5	93.8	95.2	96.7	96.6	97.1	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	99.7
≥ 50	57.1	70.0	77.3	86.9	90.1	90.5	93.8	95.2	96.7	96.6	97.1	97.3	97.5	97.8	97.9	97.9	97.9	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035831 LAKENHEATH RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1870-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025
NO CEILING	23.3	29.9	31.6	35.7	36.4	36.9	37.5	37.7	37.7	38.0	38.2	38.4	38.4	38.6	38.6	39.1
≥ 20000	25.8	32.8	34.4	38.7	40.1	40.2	41.3	41.5	41.5	41.9	42.7	42.2	42.2	42.4	42.4	42.9
≥ 18000	25.9	33.1	35.2	39.2	40.5	40.6	41.8	42.0	42.0	42.3	42.4	42.6	42.6	42.9	42.9	43.3
≥ 16000	25.9	33.1	35.2	39.2	41.5	40.6	41.8	42.0	42.0	42.3	42.4	42.6	42.6	42.9	42.9	43.3
≥ 14000	26.2	33.3	35.5	39.4	40.7	40.9	42.0	42.2	42.2	42.5	42.6	42.9	42.9	43.1	43.1	43.5
≥ 12000	26.5	33.7	35.8	39.7	41.1	41.2	42.3	42.5	42.5	42.9	43.7	43.2	43.2	43.4	43.4	43.9
≥ 10000	26.6	34.2	36.4	40.3	41.6	41.8	42.9	43.1	43.1	43.4	43.5	43.8	43.9	44.1	44.1	44.6
≥ 9000	27.1	35.0	37.1	41.1	42.4	42.5	43.7	43.9	43.9	44.2	44.3	44.6	44.7	44.9	44.9	45.3
≥ 8000	32.7	40.5	42.8	46.8	48.3	48.5	49.6	49.8	49.9	50.2	50.3	50.5	50.6	50.8	50.8	51.3
≥ 7000	33.8	42.6	45.5	49.7	51.2	51.4	52.7	53.1	53.1	53.4	53.5	53.8	53.9	54.1	54.1	54.5
≥ 6000	34.3	43.2	46.7	50.6	52.1	52.3	53.6	54.0	54.0	54.3	54.4	54.7	54.8	55.0	55.0	55.4
≥ 5000	36.1	45.1	48.0	53.1	54.8	55.0	56.3	56.7	56.7	57.1	57.2	57.5	57.6	57.8	57.8	58.2
≥ 4500	41.2	50.5	53.8	59.1	61.4	61.6	63.1	63.5	63.5	64.0	64.1	64.3	64.4	64.6	64.6	65.1
≥ 4000	45.8	56.7	60.2	66.0	68.2	68.5	70.0	70.5	70.5	71.0	71.2	71.4	71.5	71.7	71.7	72.4
≥ 3500	57.4	63.9	65.1	70.9	73.2	73.4	75.2	75.6	75.6	76.2	76.3	76.5	76.7	76.9	76.9	77.6
≥ 3000	52.3	63.2	67.6	73.7	76.0	76.2	78.0	78.5	78.5	79.0	79.1	79.3	79.5	79.7	79.7	80.4
≥ 2500	54.3	65.4	70.1	76.8	79.1	79.3	81.1	81.6	81.6	82.2	82.3	82.5	82.6	82.8	82.8	83.5
≥ 2000	56.5	68.4	73.7	80.4	82.7	82.9	85.0	85.5	85.5	86.2	86.3	86.6	86.8	87.7	87.7	87.7
≥ 1800	56.6	68.8	74.3	80.9	83.3	83.5	85.5	86.1	86.1	86.8	86.9	87.2	87.3	87.5	87.5	88.2
≥ 1600	57.5	69.7	75.6	82.8	85.3	85.5	87.5	88.1	88.1	88.8	88.9	89.2	89.3	89.6	89.6	90.2
≥ 1400	58.7	71.4	77.3	84.7	87.3	87.5	89.6	90.1	90.1	90.8	90.9	91.2	91.4	91.6	91.6	92.3
≥ 1200	59.0	71.9	77.9	85.5	88.7	88.9	90.9	91.5	91.5	92.1	92.3	92.6	92.7	92.9	92.9	93.6
≥ 1000	59.0	71.9	77.9	85.7	88.9	89.1	91.1	91.8	91.8	92.6	92.7	93.0	93.2	93.4	93.4	94.1
≥ 900	59.0	71.9	77.9	86.0	89.1	89.3	91.5	92.3	92.3	93.0	93.3	93.6	93.7	93.9	93.9	94.6
≥ 800	59.7	71.9	78.2	86.8	90.0	90.2	92.4	93.4	93.4	94.2	94.4	94.7	94.8	95.1	95.1	95.7
≥ 700	59.1	72.1	78.3	87.3	90.6	90.9	93.0	94.2	94.2	95.2	95.4	95.7	95.8	96.1	96.1	96.7
≥ 600	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.4	94.4	95.5	95.7	96.1	96.2	96.4	96.4	97.1
≥ 500	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	94.7	95.8	96.1	96.4	96.5	96.7	96.7	97.5
≥ 400	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	94.7	95.8	96.1	96.4	96.5	96.7	96.7	97.5
≥ 300	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	94.7	95.8	96.1	96.4	96.5	96.7	96.7	97.5
≥ 200	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	94.7	95.8	96.1	96.4	96.5	96.7	96.7	97.5
≥ 100	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	94.7	95.8	96.1	96.4	96.5	96.7	96.7	97.5
≥ 0	59.1	72.1	78.3	87.3	90.6	90.9	93.3	94.7	94.7	95.8	96.1	96.4	96.5	96.7	96.7	97.5

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

LAKEHNEATH RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512	≥1/1024	≥1/2048	≥1/4096	≥1/8192
NO CEILING	27.3	34.2	36.2	40.1	41.1	41.5	42.9	43.6	43.9	44.4	44.4	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥20000	29.3	36.5	38.9	41.8	44.9	45.3	46.7	47.5	48.7	48.4	48.4	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥18000	29.6	36.9	39.2	44.2	45.3	45.6	47.1	47.9	48.3	48.8	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥16000	29.6	36.9	39.2	44.2	45.3	45.6	47.1	47.9	48.3	48.8	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥14000	29.8	37.1	39.4	44.4	45.5	45.8	47.3	48.1	48.5	49.0	49.0	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥12000	29.8	37.1	39.4	44.4	45.5	45.8	47.3	48.1	48.5	49.0	49.0	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥10000	30.3	38.2	40.6	45.6	46.7	47.1	48.5	49.3	49.8	50.2	50.2	50.3	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥9000	31.7	38.9	41.2	46.3	47.4	47.8	49.2	50.0	50.4	50.9	50.9	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥8000	33.9	42.5	44.9	51.0	51.1	51.5	52.3	53.8	54.3	54.7	54.7	54.7	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2
≥7000	35.3	44.4	46.9	52.0	53.1	53.5	54.9	55.8	56.3	56.7	56.7	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥6000	35.4	44.6	47.1	52.2	53.6	53.9	55.4	56.3	56.7	57.2	57.2	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥5000	37.9	47.4	49.9	55.4	56.9	57.2	58.7	59.6	60.1	60.6	60.6	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥4500	43.0	53.1	56.1	61.8	63.3	63.6	65.1	66.0	66.5	67.0	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥4000	47.1	57.5	60.7	67.1	68.7	69.0	70.8	71.7	72.2	72.8	72.8	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥3500	50.7	60.7	63.8	70.2	71.8	72.2	74.0	74.9	75.5	76.1	76.1	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥3000	53.0	63.9	67.2	73.7	75.7	76.3	78.1	79.0	79.6	80.1	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥2500	54.5	65.8	69.2	76.2	78.2	78.8	80.6	81.5	82.0	82.6	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥2000	56.3	67.8	71.2	78.4	80.6	81.1	83.1	84.2	84.7	85.3	85.3	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥1800	56.3	68.7	71.5	78.7	80.8	81.3	83.4	84.5	85.1	85.6	85.6	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥1500	56.9	68.7	72.4	79.6	81.8	82.5	84.8	86.1	86.6	87.2	87.2	87.3	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥1200	59.1	71.0	74.8	82.0	84.3	85.1	87.5	88.8	89.4	90.0	90.0	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥1000	59.2	71.1	74.9	82.4	84.6	85.5	88.1	89.3	90.0	90.0	90.1	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥900	59.4	71.5	75.4	83.1	85.4	86.3	88.9	90.1	90.8	91.8	91.8	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥800	59.4	71.5	75.4	83.1	85.4	86.3	88.9	90.1	90.8	91.8	91.8	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥700	59.4	71.9	76.1	83.8	86.4	87.3	89.9	91.2	91.9	92.9	93.0	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥600	59.6	72.0	76.1	84.0	86.9	87.8	90.3	91.8	92.7	93.7	93.8	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥500	59.7	72.1	76.2	84.2	87.2	88.1	90.7	92.4	93.3	94.5	94.6	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥400	59.7	72.1	76.2	84.2	87.2	88.1	91.0	92.8	93.7	95.3	95.4	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥300	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.5	95.6	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥200	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.6	95.8	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥100	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.6	95.8	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥0	59.7	72.1	76.2	84.2	87.3	88.2	91.1	93.0	93.9	95.6	95.8	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9

TOTAL NUMBER OF OBSERVATIONS 890

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035931 LAKENHEATH RAF UK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	GE90	GE80	GE70	GE60	GE50	GE40	GE30	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE03	GE02
20000	21.8	27.3	29.1	32.3	33.2	33.4	34.4	35.0	35.2	35.4	35.6	35.7	35.8	35.9	36.2	36.9
18000	25.1	31.3	33.4	37.1	38.0	38.2	39.3	40.0	40.1	40.4	40.5	40.7	40.8	40.9	41.2	41.9
16000	25.2	31.6	33.6	37.3	38.3	38.5	39.5	40.2	40.4	40.6	40.8	40.9	41.0	41.2	41.4	42.2
14000	25.3	31.6	33.7	37.3	38.3	38.5	39.5	40.2	40.4	40.6	40.8	40.9	41.0	41.2	41.4	42.2
12000	25.4	31.7	33.8	37.5	38.5	38.7	39.7	40.4	40.6	40.8	41.0	41.1	41.2	41.3	41.6	42.4
10000	25.5	31.9	34.0	37.6	38.6	38.8	39.9	40.5	40.7	40.9	41.1	41.2	41.3	41.5	41.7	42.5
9000	26.4	33.1	35.3	39.1	40.1	40.3	41.4	42.2	42.4	42.6	42.8	42.9	43.0	43.2	43.4	44.2
8000	27.1	34.0	36.2	40.1	41.1	41.4	42.5	43.3	43.5	43.7	43.9	44.0	44.1	44.3	44.5	45.3
7000	30.8	38.2	40.7	44.8	46.0	46.3	47.5	48.3	48.5	48.8	48.9	49.1	49.2	49.3	49.6	50.4
6000	31.9	39.7	42.4	46.7	47.8	48.1	49.4	50.2	50.5	50.7	50.9	51.0	51.1	51.3	51.5	52.4
5000	32.5	40.3	43.1	47.4	48.6	48.9	50.2	51.0	51.3	51.5	51.7	51.8	52.0	52.1	52.4	53.2
4500	34.6	42.8	45.7	51.3	51.6	51.9	53.3	54.2	54.4	54.7	54.9	55.1	55.2	55.3	55.6	56.4
4000	39.2	47.7	51.2	56.3	57.9	58.1	59.7	60.6	60.9	61.1	61.3	61.5	61.6	61.8	62.7	62.9
3500	43.8	53.2	57.0	62.9	64.6	64.9	66.5	67.5	67.8	68.2	68.3	68.5	68.6	68.8	69.1	69.9
3000	46.6	56.4	60.5	66.6	68.3	68.6	70.3	71.4	71.7	72.0	72.2	72.4	72.5	72.7	72.9	73.8
2500	49.1	59.4	63.6	70.2	72.0	72.4	74.1	75.2	75.5	75.9	76.1	76.2	76.3	76.5	76.8	77.7
2000	50.8	61.3	65.6	72.7	74.7	75.1	76.9	78.0	78.3	78.7	78.9	79.1	79.2	79.4	79.7	80.5
1800	53.2	64.2	69.0	76.6	78.7	79.1	81.3	82.5	82.9	83.3	83.5	83.7	83.8	84.0	84.3	85.2
1600	53.5	64.6	69.4	77.3	79.4	79.8	81.9	83.3	83.6	84.0	84.3	84.4	84.6	84.8	85.0	85.9
1400	54.7	66.2	71.4	79.6	81.9	82.4	84.6	86.0	86.4	86.9	87.1	87.3	87.4	87.6	87.9	88.7
1200	56.1	68.0	73.5	82.1	84.5	85.0	87.3	88.8	89.1	89.6	89.9	90.0	90.2	90.4	90.7	91.5
1000	56.3	68.3	73.9	82.7	85.3	85.8	88.2	89.7	90.0	90.6	90.8	91.0	91.2	91.4	91.6	92.5
900	56.4	68.4	74.1	82.9	85.6	86.2	88.7	90.2	90.6	91.2	91.4	91.6	91.8	92.0	92.2	93.1
800	56.4	68.5	74.1	83.2	86.0	86.6	89.1	90.7	91.0	91.7	91.9	92.1	92.3	92.5	92.7	93.6
700	56.5	68.6	74.3	83.7	86.6	87.2	89.8	91.5	91.9	92.5	92.8	93.0	93.1	93.3	93.6	94.5
600	56.6	68.7	74.4	83.9	86.9	87.5	90.2	92.1	92.6	93.3	93.5	93.7	93.9	94.1	94.3	95.2
500	56.6	68.7	74.4	84.0	87.1	87.7	90.5	92.5	93.0	93.8	94.1	94.3	94.5	94.7	95.0	95.8
400	56.6	68.7	74.4	84.1	87.1	87.8	90.7	92.8	93.4	94.4	94.7	94.9	95.0	95.2	95.5	96.6
300	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.8	95.2	95.5	95.7	96.0	96.3	97.4
200	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.9	95.4	95.7	96.0	96.4	96.8	98.3
100	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.9	95.4	95.7	96.1	96.6	97.1	99.3
0	56.6	68.7	74.4	84.1	87.2	87.8	90.9	93.0	93.7	94.9	95.4	95.7	96.1	96.6	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7115

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75931 LAKENHEATH RAF UK

73-87

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1992-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.02
NO CEILING	20.9	25.5	28.5	31.1	32.9	32.9	34.2	34.3	34.8	35.3	35.5	35.9	35.9	36.1	36.2	37.2
≥ 20000	22.5	27.7	30.9	33.4	35.3	35.3	36.6	36.7	37.2	37.6	37.9	38.3	38.3	38.5	38.6	39.6
≥ 18000	22.7	27.8	31.0	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.0	38.4	38.4	38.6	38.7	39.7
≥ 16000	22.7	27.8	31.0	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.0	38.4	38.4	38.6	38.7	39.7
≥ 14000	22.7	27.8	31.0	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.0	38.4	38.4	38.6	38.7	39.7
≥ 12000	22.7	27.8	31.0	33.5	35.4	35.4	36.7	36.8	37.3	37.8	38.0	38.4	38.4	38.6	38.7	39.7
≥ 10000	23.5	28.7	31.8	34.4	36.2	36.2	37.5	37.6	38.2	38.6	38.8	39.3	39.3	39.5	39.6	40.7
≥ 9000	24.3	29.4	32.4	35.2	37.0	37.0	38.3	38.4	39.4	39.8	40.0	40.5	40.5	40.7	40.8	41.9
≥ 8000	26.1	31.7	35.7	37.8	39.6	39.6	41.3	41.5	42.1	42.6	42.8	43.3	43.3	43.5	43.6	44.8
≥ 7000	26.3	32.7	35.3	38.1	39.9	40.0	41.9	42.1	42.6	43.1	43.4	43.8	43.8	44.0	44.1	45.3
≥ 6000	26.5	32.3	35.6	38.4	40.2	40.3	42.2	42.4	42.9	43.5	43.7	44.1	44.1	44.3	44.4	45.6
≥ 5000	28.4	34.5	38.1	40.9	42.8	42.9	44.8	45.0	45.5	46.1	46.3	46.7	46.7	46.9	47.0	48.4
≥ 4500	32.6	39.1	42.7	45.8	48.1	48.2	50.4	50.6	51.1	51.7	51.9	52.3	52.3	52.5	52.6	54.0
≥ 4000	36.9	44.8	49.2	52.5	55.0	55.1	57.6	57.9	58.5	59.1	59.3	59.9	59.9	60.1	60.2	61.6
≥ 3500	39.6	47.9	52.3	56.2	58.8	58.9	61.5	61.8	62.4	63.0	63.2	63.8	63.8	64.1	64.2	65.6
≥ 3000	42.2	51.6	56.5	60.4	63.0	63.1	66.3	66.7	67.3	68.0	68.2	68.7	68.7	69.0	69.1	70.6
≥ 2500	44.2	53.9	58.9	62.8	65.4	65.5	68.7	69.0	69.8	70.4	70.7	71.2	71.2	71.5	71.6	73.0
≥ 2000	47.2	57.7	63.0	67.6	70.3	70.4	73.9	74.4	75.2	76.1	76.3	76.8	76.8	77.1	77.2	78.6
≥ 1800	48.7	58.8	64.1	69.4	72.1	72.2	75.6	76.2	76.9	77.8	78.0	78.5	78.5	78.9	79.0	80.4
≥ 1500	50.1	61.8	67.4	73.0	75.8	76.2	79.8	80.4	81.1	82.1	82.3	82.8	82.8	83.2	83.3	84.7
≥ 1200	51.8	63.8	69.8	75.6	78.9	79.2	83.7	83.8	84.6	85.5	85.8	86.3	86.3	86.6	86.7	88.1
≥ 1000	52.1	64.8	71.3	77.1	80.4	80.9	84.8	85.8	86.5	87.5	87.7	88.2	88.2	88.6	88.7	90.1
≥ 900	52.1	65.0	71.5	77.3	80.8	81.3	85.2	86.2	86.9	87.9	88.1	88.7	88.7	89.0	89.1	90.5
≥ 800	52.2	65.6	72.2	78.1	82.1	82.6	86.5	87.5	88.2	89.2	89.4	90.0	90.1	90.4	90.5	91.9
≥ 700	52.2	65.7	72.5	79.2	83.3	83.8	87.7	88.7	89.4	90.4	90.6	91.2	91.3	91.6	91.7	93.1
≥ 600	52.2	65.8	72.6	79.4	83.7	84.3	88.1	89.1	89.9	90.8	91.0	91.6	91.7	92.1	92.2	93.6
≥ 500	52.3	66.0	73.0	79.8	84.3	84.8	89.7	90.0	90.7	91.8	92.0	92.6	92.7	93.1	93.2	94.6
≥ 400	52.3	66.0	73.0	79.8	84.3	85.0	89.2	90.2	90.9	92.2	92.4	93.0	93.1	93.5	93.6	95.0
≥ 300	52.3	66.0	73.0	79.8	84.3	85.0	89.3	90.3	91.0	93.0	93.4	94.0	94.2	94.7	94.9	96.4
≥ 200	52.3	66.0	73.0	79.8	84.3	85.0	89.3	90.3	91.2	93.4	93.9	94.4	94.6	95.6	96.0	97.6
≥ 100	52.3	66.0	73.0	79.8	84.3	85.0	89.3	90.3	91.2	93.4	93.9	94.4	94.7	95.8	96.5	99.9
≥ 0	52.3	66.0	73.0	79.8	84.3	85.0	89.3	90.3	91.2	93.4	93.9	94.4	94.7	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK

73-87

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

337-3377

CEILING FEET	VISIBILITY STATUTE MILES															
	OP (HUNDREDS OF METERS)															
	GE9	GE8	GE7	GE6	GE5	GE4	GE3	GE2	GE1	GE0	GE9	GE8	GE7	GE6	GE5	GE4
≥ 20000	20.4	27.1	24.3	31.1	32.4	32.7	34.2	35.0	35.7	35.2	35.5	35.5	35.5	35.5	35.8	36.1
≥ 18000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 16000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 14000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 12000	21.1	28.0	29.4	32.3	33.5	33.9	35.4	36.1	36.1	36.4	36.7	36.7	36.7	37.0	37.3	37.9
≥ 10000	21.4	28.4	29.8	32.7	34.0	34.3	35.8	36.7	36.7	36.9	37.2	37.2	37.3	37.6	38.0	38.5
≥ 8000	21.9	28.9	30.3	33.2	34.5	34.8	36.7	37.4	37.4	37.6	38.0	38.0	38.1	38.4	38.7	39.3
≥ 6000	23.7	30.9	32.5	35.4	36.7	37.0	38.4	39.6	39.7	40.0	40.3	40.3	40.5	40.9	41.2	41.7
≥ 4000	24.6	32.0	33.7	36.6	37.9	38.2	40.7	41.0	41.1	41.4	41.7	41.7	41.9	42.3	42.6	43.1
≥ 2000	24.8	32.4	34.7	36.9	38.2	38.5	40.6	41.3	41.4	41.7	42.1	42.1	42.7	42.6	42.9	43.5
≥ 1000	26.6	34.2	35.8	38.7	40.0	40.3	42.5	43.5	43.6	43.9	44.2	44.2	44.3	44.8	45.1	45.7
≥ 500	32.4	38.3	39.9	43.8	45.1	45.4	47.6	48.9	49.7	49.3	49.6	49.6	49.8	50.3	50.6	51.2
≥ 250	34.1	43.4	45.7	49.7	51.2	51.8	54.0	55.6	55.7	56.0	56.3	56.3	56.6	57.2	57.5	58.3
≥ 150	38.1	47.7	50.3	54.5	56.2	56.7	59.2	60.8	61.2	61.5	61.5	61.8	62.4	62.7	63.4	
≥ 100	40.3	51.0	54.4	58.6	60.4	60.9	64.1	66.0	66.2	66.6	66.9	66.9	67.2	67.7	68.1	68.8
≥ 50	42.9	54.4	57.9	62.5	64.5	65.0	68.2	70.2	70.6	71.0	71.3	71.3	71.5	72.2	72.5	73.2
≥ 25	46.7	58.7	62.7	68.5	70.8	71.3	74.4	76.5	76.8	77.2	77.6	77.6	77.9	78.4	78.7	79.5
≥ 15	47.6	59.7	63.6	69.6	71.8	72.4	75.5	77.6	77.9	78.3	78.6	78.6	79.0	79.5	79.8	80.6
≥ 10	49.3	62.1	66.5	73.0	75.3	75.8	79.0	81.0	81.4	81.9	82.2	82.2	82.5	83.1	83.4	84.1
≥ 5	50.6	64.4	69.7	75.7	78.1	78.6	81.8	83.8	84.3	84.7	85.0	85.0	85.3	85.9	86.2	86.9
≥ 2	51.1	65.4	70.0	76.8	79.4	79.9	83.4	85.4	86.7	86.5	86.8	86.8	87.2	87.7	88.0	88.8
≥ 1	51.1	65.6	70.2	77.0	80.4	80.9	84.4	86.4	86.9	87.5	87.8	87.8	88.1	88.7	89.0	89.8
≥ 0.5	51.3	65.9	70.9	78.0	82.0	82.5	86.0	88.0	88.6	89.1	89.4	89.4	89.8	90.3	90.6	91.4
≥ 0.2	51.3	65.9	71.1	79.1	83.1	83.6	87.2	89.2	89.8	90.4	90.7	90.7	91.7	91.6	91.9	92.7
≥ 0.1	51.5	66.2	71.2	79.7	83.9	84.5	88.7	90.1	90.6	91.3	91.6	91.6	91.9	92.4	92.8	93.5
≥ 0.05	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.7	93.5	93.9	94.6
≥ 0.02	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.7	93.5	93.9	94.6
≥ 0.01	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.7	93.5	93.9	94.6
≥ 0.005	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.7	93.5	93.9	94.6
≥ 0.002	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.7	93.5	93.9	94.6
≥ 0.001	51.5	66.1	71.3	79.9	84.1	84.8	88.8	91.0	91.6	92.3	92.7	92.7	93.7	93.5	93.9	94.6

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75231 LAKEHURST AFB TX

73-87

000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

730-1100

VISIBILITY FEET	VISIBILITY STATUTE MILES															
	CE (HUNDREDS OF METERS)															
	CE00	CE05	CE10	CE15	CE20	CE25	CE30	CE35	CE40	CE45	CE50	CE55	CE60	CE65	CE70	CE75
1000	14.7	19.2	20.4	22.2	23.7	23.2	24.7	25.8	26.7	26.2	26.2	26.3	26.3	26.3	26.5	27.1
900	14.7	23.2	24.5	26.9	27.6	27.9	28.8	30.5	31.7	31.9	31.9	31.9	31.9	31.9	31.9	32.2
800	18.3	23.4	24.7	27.1	27.9	28.1	29.7	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.5	32.2
700	18.3	23.4	24.7	27.1	27.9	28.1	29.7	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.5	32.2
600	18.3	23.4	24.7	27.1	27.9	28.1	29.7	30.7	30.9	31.1	31.1	31.2	31.3	31.3	31.5	32.2
500	18.3	23.5	24.8	27.2	28.7	28.2	29.2	30.8	31.7	31.2	31.2	31.3	31.4	31.4	31.6	32.3
400	19.1	24.7	26.7	28.8	29.6	29.9	31.1	32.8	33.7	33.3	33.3	33.4	33.5	33.5	33.7	34.3
300	19.8	25.4	26.8	29.8	31.7	31.7	32.2	33.9	34.1	34.3	34.7	34.4	34.6	34.6	34.9	35.4
200	21.4	28.7	29.4	32.5	33.4	33.7	34.9	36.7	36.9	37.5	37.5	37.6	37.7	37.7	37.9	38.6
100	22.1	29.5	31.2	34.6	35.4	35.7	37.7	39.7	39.2	40.7	40.7	40.7	40.7	40.7	40.7	41.7
5000	22.2	29.7	31.4	34.9	35.9	36.2	37.8	39.4	39.6	40.4	40.4	40.5	40.6	40.6	40.8	41.5
4500	23.5	31.5	33.6	37.1	38.1	38.4	39.7	41.8	42.7	42.9	43.7	43.1	43.3	43.3	43.5	44.2
4000	27.2	37.1	39.5	44.4	45.5	45.8	47.1	49.1	49.5	50.3	50.4	51.5	51.8	51.1	51.4	52.2
3500	27.2	41.3	44.2	49.8	51.0	51.4	52.9	55.2	55.7	56.9	57.7	57.1	57.3	57.7	58.7	58.7
3000	34.2	46.7	49.5	55.3	57.7	57.5	59.1	61.8	62.5	63.7	63.8	64.0	64.3	64.6	64.9	65.8
2500	37.3	49.6	53.1	59.2	61.1	61.6	63.3	66.4	67.9	69.3	69.4	69.7	69.9	70.2	70.5	71.5
2000	39.3	52.5	56.4	63.4	65.4	65.9	67.7	71.1	72.7	74.2	74.3	74.5	74.7	75.1	75.4	76.2
1500	41.6	56.0	60.0	68.1	71.7	71.2	73.7	76.3	78.0	79.5	79.6	79.8	80.7	80.3	81.7	81.6
1000	41.8	56.3	60.4	68.6	71.4	71.8	73.7	77.0	78.6	80.1	80.2	80.5	81.7	81.0	81.3	82.3
500	43.4	59.7	62.6	71.3	74.2	74.6	76.6	79.9	81.5	83.2	83.3	83.5	83.7	84.7	84.3	85.3
200	44.8	59.4	64.3	73.7	76.9	77.3	79.5	82.8	84.4	86.1	86.2	86.4	86.6	86.9	87.3	88.2
100	45.4	60.0	64.9	74.3	77.6	78.1	80.2	83.6	85.3	86.9	87.7	87.3	87.5	87.8	88.1	89.1
50	45.4	60.2	65.3	74.6	79.0	78.4	81.8	84.2	86.2	87.8	87.9	88.1	88.3	88.7	89.7	90.0
25	46.1	61.7	66.7	76.0	79.8	80.2	82.8	86.4	88.3	90.0	90.1	90.3	90.5	90.8	91.1	92.1
12.5	46.1	61.3	66.7	76.0	79.8	80.2	82.8	86.6	88.6	90.4	90.5	90.7	90.9	91.3	91.6	92.5
6.25	46.1	61.0	66.7	76.1	81.1	80.6	83.7	87.8	89.7	91.6	91.7	91.9	92.1	92.4	92.8	93.7
3.125	46.1	61.1	66.1	76.2	80.3	80.8	84.7	88.6	90.7	92.5	92.7	92.9	93.1	93.4	93.8	94.8
1.5625	46.1	61.1	66.1	76.2	80.3	80.8	84.1	88.8	91.0	92.9	93.7	93.3	93.5	94.2	94.6	95.6
0.78125	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.5	93.8	94.3	94.6	95.9	96.7	97.7
0.390625	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.7	94.2	94.8	95.1	96.7	97.5	99.7
0.1953125	46.1	61.1	66.1	76.2	80.6	81.0	84.4	89.4	91.7	93.7	94.3	94.9	95.4	97.2	97.8	100.0
0.09765625	46.1	61.1	66.1	76.2	80.6	81.7	84.4	89.4	91.7	93.7	94.3	94.9	95.4	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF, UK

73-87

216

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1400

CEILING FEET	VISIBILITY STATISTICAL OR (HUNDREDS OF METERS)															
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
2000	16.2	21.5	22.3	24.4	25.7	25.1	26.7	26.4	26.5	27.7	27.7	27.1	27.2	27.7	27.2	27.4
1800	27.4	27.7	28.6	31.0	31.6	31.7	32.6	33.2	33.3	34.2	34.7	34.2	34.5	34.5	34.5	34.7
1600	27.4	27.9	28.8	31.2	31.8	31.9	32.9	33.4	33.5	34.2	34.7	34.4	34.7	34.7	34.7	35.7
1400	27.7	28.7	28.9	31.3	31.9	32.0	32.3	33.5	33.7	34.3	34.7	34.5	34.8	34.8	34.8	35.1
1200	27.7	28.0	28.9	31.3	31.9	32.7	32.9	33.5	33.7	34.3	34.7	34.5	34.8	34.8	34.8	35.1
1000	20.7	29.0	28.9	31.3	31.9	32.7	32.9	33.5	33.7	34.3	34.7	34.5	34.8	34.8	34.8	35.1
900	21.5	29.0	30.1	32.6	33.2	33.3	34.2	34.8	35.7	35.6	35.6	35.6	36.1	36.1	36.1	36.4
800	22.2	29.9	31.7	33.8	34.4	34.5	35.4	36.1	36.2	36.9	36.9	37.1	37.4	37.4	37.4	37.6
700	24.6	32.7	34.1	37.0	37.6	37.8	38.7	39.5	39.6	40.2	40.2	40.5	40.9	40.8	40.8	41.1
600	24.9	33.1	34.6	38.2	38.9	39.1	40.7	40.8	40.9	41.5	41.5	41.7	42.1	42.1	42.1	42.3
500	25.4	33.8	35.6	39.2	40.0	40.1	41.1	42.2	42.3	42.9	42.9	43.1	43.6	43.6	43.5	43.8
450	26.4	35.7	37.5	41.4	42.3	42.5	43.5	44.6	44.7	45.3	45.3	45.5	46.0	46.0	46.0	46.2
400	29.3	39.2	41.1	45.7	46.9	47.1	48.3	49.5	49.6	50.6	50.6	51.1	51.6	51.7	51.8	52.7
350	33.4	44.3	46.6	51.9	53.3	53.6	54.9	56.0	56.1	57.5	57.7	58.0	58.5	58.6	58.8	59.7
300	36.5	48.1	50.6	56.4	58.0	58.4	59.8	61.7	61.9	63.4	63.6	64.0	64.4	64.5	64.7	64.9
250	40.2	52.6	55.2	61.7	63.5	63.9	65.6	67.7	68.7	69.5	69.8	70.2	70.7	70.8	71.0	71.2
200	42.3	55.1	58.1	64.7	66.7	67.1	68.9	71.2	71.4	73.1	73.6	74.7	74.4	74.5	74.8	75.5
150	43.9	57.2	60.8	68.6	71.1	71.5	73.6	76.5	76.7	78.4	79.1	79.5	79.9	80.2	80.3	80.5
100	45.7	58.4	62.7	70.0	72.4	72.8	74.9	77.8	78.0	79.7	80.4	80.8	81.2	81.3	81.6	81.8
75	47.8	61.5	65.5	74.0	76.4	76.8	78.9	82.7	82.2	83.9	84.6	85.0	85.4	85.5	85.8	86.2
50	49.0	62.7	67.1	76.1	78.5	79.7	81.4	84.6	84.8	86.5	87.2	87.7	88.1	88.2	88.5	88.7
25	49.6	63.5	68.0	77.7	80.3	80.8	83.4	86.5	86.7	88.6	89.2	89.8	90.2	90.3	90.5	90.7
10	49.7	63.6	68.2	77.9	80.7	81.2	84.0	87.2	87.4	89.3	90.7	91.5	91.9	91.7	91.3	91.5
5	50.3	64.2	68.7	79.0	81.9	82.5	85.3	88.6	88.8	90.7	91.4	91.9	92.3	92.4	92.7	92.9
2	50.3	64.2	68.7	79.6	82.7	83.4	86.4	90.1	90.3	92.6	93.2	93.7	94.3	94.5	94.8	95.2
1	50.3	64.3	68.8	79.8	83.1	83.7	86.9	90.7	91.7	93.5	94.3	94.9	95.5	95.8	96.7	96.2
0	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.4	96.2	96.8	97.3	97.5	97.7
300	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.7	96.9	97.6	98.5	98.7	98.9
200	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.1	99.8
100	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.2	100.0
50	50.3	64.3	68.8	79.8	83.4	84.0	87.3	91.3	91.8	94.5	95.8	97.0	97.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAKENHEATH RAF UK

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

10-1-1970

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																							
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	12	14	16	18	20	25	30	35	40
1000	14.0	19.8	21.9	24.9	25.9	25.9	26.4	26.6	26.9	27.2	27.9	28.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
900	17.7	24.7	27.3	30.8	31.0	32.0	32.5	32.9	33.2	33.6	34.4	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
800	17.2	24.9	27.5	31.1	32.7	32.3	32.9	33.2	33.5	33.9	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
700	17.7	25.0	27.4	31.3	32.3	32.4	33.7	33.3	33.6	34.1	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
600	18.2	25.2	27.8	31.5	32.5	32.7	33.7	33.5	33.8	34.3	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
500	18.4	25.4	28.6	32.3	33.4	33.5	34.1	34.4	34.7	35.1	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
400	19.3	26.7	29.4	33.5	34.6	34.7	35.2	35.6	35.9	36.3	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
300	21.1	28.2	31.5	36.0	37.1	37.3	37.8	38.1	38.5	38.9	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
200	22.7	29.2	32.5	37.4	38.5	38.7	39.2	39.5	39.9	40.3	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
100	22.0	29.2	32.5	37.5	38.6	38.8	39.3	39.8	40.1	40.6	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
0	22.6	30.3	33.6	38.9	40.1	40.3	40.9	41.3	41.6	42.1	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
1000	27.3	35.5	39.1	45.3	46.9	47.1	47.8	48.3	48.7	49.4	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
900	37.6	45.1	48.9	57.6	57.4	57.6	58.4	58.9	59.4	60.3	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
800	34.2	44.2	48.5	55.4	57.2	57.4	58.4	58.9	59.4	60.3	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
700	37.4	48.8	53.3	61.3	63.3	63.6	64.8	65.4	65.9	66.9	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
600	39.2	51.2	56.1	64.2	66.3	66.7	68.3	69.0	69.4	70.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
500	43.8	56.3	61.3	71.0	73.5	73.9	76.1	76.8	77.4	78.6	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
400	47.2	56.5	61.5	71.3	73.8	74.2	76.4	77.2	77.7	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
300	46.5	58.4	64.7	74.5	77.0	77.5	79.7	80.5	81.1	82.3	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
200	47.1	61.7	67.2	78.3	80.7	81.3	83.7	84.7	85.3	86.6	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
100	47.4	61.4	67.9	78.9	81.6	82.1	84.9	85.9	86.5	87.8	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0	47.4	61.4	67.9	79.4	82.4	83.0	86.2	87.3	87.9	89.2	90.7	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
1000	47.7	61.7	68.0	80.0	83.2	83.7	87.0	88.5	89.2	90.7	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
900	47.7	62.7	68.5	80.5	83.8	84.4	87.7	89.3	90.5	92.1	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	47.8	62.1	68.8	80.8	84.2	84.7	88.7	90.7	91.9	93.5	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
700	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
300	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	47.8	62.1	68.8	80.9	84.3	84.9	88.9	91.7	93.4	95.4	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 978

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175071 LAKEHURST RAF UK

73-87

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 0-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	200	150	140	120	110	100	90	80	70	60	50	40	30	20	10
1000	18.3	23.7	26.5	29.2	31.7	30.7	31.7	31.5	31.5	32.7	32.7	32.3	32.4	32.9	33.0	33.7
900	21.7	27.3	30.3	33.3	34.8	34.8	35.1	35.6	35.6	36.1	36.3	36.4	36.5	37.1	37.3	38.7
800	21.7	27.6	30.6	33.6	35.1	35.1	35.5	35.9	35.9	36.4	36.6	36.7	36.9	37.4	37.6	38.4
700	21.4	27.7	30.7	33.7	35.2	35.2	35.6	36.0	36.7	36.5	36.7	36.9	37.0	37.5	37.7	38.5
600	21.4	27.7	30.7	33.7	35.2	35.2	35.6	36.7	36.7	36.5	36.7	36.9	37.0	37.5	37.7	38.5
500	22.3	28.8	31.8	34.9	36.4	36.4	36.7	37.2	37.2	37.7	37.9	38.0	38.1	38.7	38.9	39.7
400	27.6	29.2	32.3	35.8	37.3	37.3	37.6	38.1	38.1	38.7	38.9	39.0	39.1	39.7	39.9	41.6
300	24.7	31.1	34.9	38.6	41.1	40.1	40.9	41.1	41.1	41.6	41.8	41.9	42.7	42.6	42.8	43.5
200	24.8	31.9	35.8	39.5	41.1	41.1	41.9	42.7	42.7	42.6	42.8	42.9	43.0	43.5	43.8	44.5
100	24.8	31.9	35.8	39.7	41.2	41.2	41.8	42.1	42.1	42.7	42.9	43.0	43.1	43.6	43.9	44.6
000	26.2	33.6	37.7	41.6	43.3	43.3	43.8	44.3	44.3	44.9	45.2	45.3	45.4	45.9	46.1	46.9
900	29.8	37.9	42.5	47.6	49.8	49.8	50.4	51.1	51.1	51.8	52.7	52.2	52.3	52.8	53.7	53.8
800	34.9	43.4	48.5	54.3	56.7	56.7	57.5	58.2	58.2	58.9	59.2	59.3	59.4	59.9	60.1	60.9
700	37.8	47.1	52.5	58.8	61.2	61.2	62.1	62.9	62.9	63.7	63.9	64.0	64.1	64.7	64.9	65.6
600	42.2	52.8	58.6	66.1	68.8	69.0	69.9	71.0	71.0	71.8	72.7	72.1	72.2	72.7	73.7	73.7
500	47.4	59.4	65.6	73.7	76.4	76.6	78.7	79.2	79.2	80.0	80.2	80.3	80.4	80.9	81.1	81.9
400	47.7	59.7	65.9	74.1	76.7	77.0	79.4	79.6	79.6	80.4	80.6	80.7	80.8	81.4	81.6	82.3
300	49.9	62.4	68.6	77.2	80.4	80.8	82.3	83.5	83.5	84.3	84.5	84.6	84.7	85.2	85.5	86.2
200	51.7	64.8	71.7	80.6	84.1	84.5	86.1	87.8	87.8	88.6	88.8	88.9	89.0	89.5	89.8	90.5
100	51.9	65.0	72.2	81.4	84.9	85.3	87.3	88.8	88.8	89.7	89.9	90.0	90.1	90.6	90.8	91.6
000	52.2	65.4	72.8	82.3	85.9	86.3	88.6	90.1	90.1	90.9	91.2	91.3	91.4	91.9	92.1	92.9
900	52.3	65.5	73.1	82.8	86.4	86.9	89.4	91.1	91.1	91.9	92.1	92.2	92.3	92.9	93.1	93.9
800	52.4	65.6	73.3	83.4	87.1	87.5	90.5	92.1	92.2	93.1	93.3	93.4	93.5	94.1	94.3	95.0
700	52.4	65.6	73.3	83.4	87.2	87.6	90.6	92.2	92.3	93.2	93.4	93.5	93.6	94.2	94.4	95.2
600	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.1	93.2	94.1	94.3	94.4	94.5	95.1	95.3	96.0
500	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.2	93.3	94.4	94.6	94.7	94.8	95.4	95.6	96.4
400	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.5	95.6	96.2	96.9	98.7
300	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.6	95.7	96.3	97.3	100.0
200	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.6	95.7	96.3	97.3	100.0
100	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.6	95.7	96.3	97.3	100.0
000	52.4	65.6	73.3	83.4	87.3	87.7	91.1	93.6	93.8	95.2	95.4	95.6	95.7	96.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

76031
STATION

LAKEHURST PAF BK
STATION NAME

73-82
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

17-2300
LOCAL TIME

		VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																									
		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2
1	1000	19.4	23.0	26.4	28.3	30.0	32.0	33.5	31.5	31.4	31.9	31.9	32.1	32.1	32.1	32.4	32.7	33.3									
2	800	27.2	26.2	29.5	31.0	32.7	32.7	33.4	34.4	34.5	34.6	34.6	35.1	35.1	35.3	35.6	36.2										
3	600	31.7	26.1	29.5	31.1	32.8	32.8	33.5	34.5	34.6	35.0	35.0	35.2	35.2	35.4	35.7	36.4										
4	400	31.1	26.2	28.7	31.2	32.9	32.9	33.7	34.6	34.7	35.1	35.1	35.3	35.3	35.5	35.9	36.5										
5	200	31.1	26.2	29.7	31.2	32.9	32.9	33.7	34.6	34.7	35.1	35.1	35.3	35.3	35.5	35.9	36.5										
6	100	22.3	27.8	30.3	32.8	34.5	34.5	35.3	36.2	36.4	36.7	36.7	36.9	36.9	37.1	37.4	38.1										
7	800	23.1	28.6	31.1	33.5	35.3	35.3	36.2	37.2	37.3	37.6	37.6	37.9	37.9	38.1	38.4	39.1										
8	600	25.7	31.1	34.7	36.7	38.5	38.5	39.7	41.0	41.1	41.4	41.4	41.6	41.6	41.9	42.2	42.8										
9	400	25.6	31.8	34.7	37.4	39.3	39.3	40.5	41.7	41.9	42.2	42.2	42.4	42.4	42.6	42.9	43.6										
10	200	27.1	33.5	36.6	39.8	41.6	41.6	42.8	44.1	44.2	44.5	44.5	44.8	44.8	45.0	45.3	46.0										
11	100	37.6	38.7	42.0	46.0	49.1	48.3	49.9	51.2	51.3	51.8	51.8	52.0	52.0	52.0	52.5	53.2										
12	800	35.1	43.6	47.6	52.3	54.5	54.7	56.6	58.1	58.3	58.7	58.7	58.9	58.9	59.1	59.4	60.1										
13	600	39.2	48.2	52.2	57.0	59.1	59.3	61.3	62.8	62.9	63.3	63.7	63.5	63.5	63.9	64.2	64.8										
14	400	42.6	52.2	57.1	61.8	64.7	64.2	66.2	67.9	68.0	68.4	68.4	68.6	68.6	68.8	69.5	70.1										
15	200	44.1	53.8	59.0	64.2	66.5	66.7	68.8	70.4	70.6	71.0	71.0	71.2	71.2	71.4	72.1	72.7										
16	100	48.1	58.6	64.4	70.0	72.3	72.6	74.9	76.6	76.7	77.1	77.1	77.3	77.3	77.6	78.2	78.9										
17	800	43.9	61.0	65.9	71.8	74.1	74.4	76.7	78.4	78.5	79.0	79.0	79.2	79.2	79.4	80.0	80.7										
18	600	51.8	63.2	69.5	75.9	79.0	79.3	81.7	83.4	83.5	83.9	83.9	84.1	84.1	84.4	85.0	85.7										
19	400	53.6	65.5	72.1	78.5	81.6	81.9	84.3	86.4	86.5	86.9	86.9	87.2	87.2	87.4	88.0	88.7										
20	200	54.2	66.0	72.6	79.3	82.3	82.6	85.0	87.5	87.6	88.0	88.0	88.2	88.2	88.5	89.1	89.8										
21	100	54.2	66.1	72.9	79.5	82.5	82.8	85.2	87.7	87.8	88.2	88.2	88.5	88.5	88.7	89.3	90.0										
22	800	54.2	66.5	73.2	80.5	83.6	83.9	86.3	88.8	89.0	89.4	89.4	89.6	89.6	89.8	90.0	90.6										
23	600	54.3	66.6	73.8	81.4	84.8	85.1	87.9	90.3	90.5	90.9	90.9	91.2	91.3	91.5	92.1	92.8										
24	400	54.3	66.7	74.0	81.9	85.2	85.5	88.2	90.7	90.9	91.5	91.5	91.7	91.8	92.0	92.7	93.3										
25	200	54.3	66.7	74.0	82.0	85.3	85.8	89.1	91.7	91.9	92.4	92.4	92.7	92.8	93.0	93.6	94.3										
26	100	54.3	66.7	74.0	82.0	85.3	85.8	89.2	92.0	92.7	93.6	93.7	94.1	94.4	94.9	96.1	96.6										
27	800	54.3	66.7	74.0	82.0	85.3	85.8	89.2	92.0	92.7	93.6	93.7	94.1	94.4	95.0	96.2	96.0										

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAKENHEATH RAF UK

73-67

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES 02 (HUNDREDS OF METERS)																							
	210	200	180	160	140	120	100	80	60	40	20	10	5	2	1	0.5	0.25	0.15	0.1	0.05	0.025	0.015	0.01	0.005
20000	17.7	22.9	24.9	27.3	28.5	28.6	29.5	30.7	30.3	30.7	30.9	31.0	31.1	31.2	31.4	32.7								
18000	22.2	26.3	29.4	31.2	32.3	32.5	33.4	34.1	34.3	34.7	34.9	35.1	35.1	35.1	35.5	36.1								
16000	20.4	26.4	28.6	31.3	32.5	32.6	33.6	34.3	34.5	34.9	35.1	35.2	35.3	35.3	35.7	36.3								
14000	20.4	26.4	28.6	31.4	32.5	32.7	33.6	34.3	34.5	34.9	35.1	35.2	35.3	35.3	35.5	36.7								
12000	20.4	26.5	28.7	31.4	32.6	32.7	33.7	34.3	34.5	34.9	35.1	35.3	35.3	35.3	35.5	36.7								
10000	22.5	26.5	28.7	31.4	32.6	32.7	33.7	34.4	34.5	35.0	35.2	35.3	35.4	35.6	35.8	36.4								
8000	21.2	27.4	29.6	32.5	33.7	33.8	34.9	35.6	35.7	36.1	36.3	36.5	36.6	36.6	37.7	37.6								
6000	21.3	28.0	30.3	33.4	34.6	34.7	35.9	36.5	36.7	37.1	37.3	37.5	37.6	37.8	38.7	38.6								
4000	23.7	30.4	32.0	36.1	37.3	37.5	38.6	39.5	39.7	40.1	40.7	40.5	40.5	40.6	41.7	41.6								
2000	24.3	31.3	33.9	37.3	38.5	38.7	39.9	40.8	41.0	41.5	41.7	41.8	41.9	42.1	42.3	42.9								
1000	24.5	31.6	34.2	37.7	38.9	39.1	40.3	41.2	41.5	41.9	42.2	42.3	42.4	42.6	42.8	43.4								
500	25.8	33.3	36.1	39.7	40.9	41.1	42.4	43.4	43.6	44.1	44.3	44.5	44.6	44.8	45.2	45.7								
250	29.5	37.9	40.9	45.3	46.0	47.1	48.5	49.6	49.8	50.4	50.7	50.9	51.7	51.3	51.5	52.2								
150	33.5	42.8	46.4	51.4	53.1	53.3	54.9	56.1	56.4	57.1	57.4	57.6	57.8	58.1	58.3	59.7								
100	37.7	47.0	50.8	56.1	57.9	58.0	59.9	61.3	61.7	62.5	62.8	63.7	63.1	63.4	63.6	64.4								
50	47.0	50.9	55.1	60.7	62.7			66.7	67.1	68.0	68.3	68.5	68.6	68.9	69.2	70.7								
25	42.1	53.3	57.7	63.7	65.7		68.1	68.0	70.5	71.4	71.7	71.9	72.1	72.4	72.7	73.4								
15	45.5	57.7	62.6	69.5	71.4		72.2	74.5	76.4	76.9	77.9	78.2	79.5	78.6	79.2	79.9								
10	46.1	58.4	63.3	70.5	72.9		73.2	75.5	77.4	78.7	78.9	79.2	79.5	79.6	79.9	80.7								
5	48.1	61.0	66.2	74.0	76.6		76.9	79.4	81.3	81.8	82.8	83.2	83.4	83.5	83.8	84.1								
2	49.6	63.7	68.6	76.7	79.5		79.9	82.5	84.6	85.7	86.2	86.5	86.7	86.9	87.2	87.5								
1	50.1	63.7	69.5	77.8	80.6		81.1	83.8	86.7	86.5	87.6	87.9	88.2	88.3	88.6	88.9								
0.5	50.2	63.9	69.7	78.2	81.2		81.7	84.6	86.7	87.4	88.4	88.8	89.0	89.1	89.5	89.7								
0.25	50.5	64.3	70.3	79.1	82.5		82.9	85.9	88.7	88.8	89.9	90.2	90.5	90.6	91.1	91.2								
0.15	50.5	64.4	70.6	79.7	83.2		83.7	86.8	89.1	89.8	91.0	91.4	91.6	91.8	92.2	92.4								
0.1	50.5	64.5	70.6	80.0	83.7		84.1	87.4	89.9	90.6	91.8	92.2	92.4	92.6	93.0	93.3								
0.05	50.5	64.5	70.7	80.2	83.9		84.4	87.9	90.7	91.5	92.8	93.2	93.5	93.7	94.1	94.3								
0.025	50.5	64.5	70.8	80.2	83.9		84.5	88.7	91.0	91.9	93.4	93.8	94.1	94.4	94.8	95.1								
0.015	50.5	64.5	70.8	80.2	84.0		84.6	88.3	91.5	92.3	94.0	94.5	94.9	95.2	95.9	96.4								
0.01	50.5	64.5	70.8	80.2	84.0		84.6	88.3	91.5	92.5	94.3	94.7	95.3	95.7	96.6	97.3								
0.005	50.5	64.5	70.8	80.3	84.7		84.6	88.7	91.5	92.5	94.3	94.7	95.4	95.8	96.7	97.6								
0.0025	50.5	64.5	70.8	80.3	84.7		84.6	88.3	91.5	92.5	94.3	94.7	95.4	95.8	96.8	97.6								

TOTAL NUMBER OF OBSERVATIONS 7816

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73031 LAKENHEATH PAF UK

73-83

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	GE90	GE80	GE70	GE60	GE50	GE40	GE30	GE20	GE10	GE16	GE12	GE10	GE08	GE05	GE04	GE02
NO CEILING	20.3	27.0	29.7	31.5	32.4	32.5	33.3	33.9	34.7	34.2	34.3	34.4	34.5	34.6	34.7	35.1
≥ 25000	23.3	31.5	33.2	36.8	37.7	37.9	38.8	39.4	39.5	39.8	40.0	40.0	40.1	40.3	40.4	40.8
≥ 18000	23.9	31.7	34.0	37.0	38.0	38.2	39.1	39.7	39.8	40.1	40.2	40.3	40.3	40.5	40.6	41.0
≥ 16000	23.9	31.7	34.0	37.0	38.0	38.2	39.1	39.7	39.8	40.1	40.2	40.3	40.3	40.5	40.6	41.0
≥ 14000	24.1	31.8	34.1	37.1	38.1	38.3	39.2	39.8	39.9	40.2	40.3	40.4	40.5	40.6	40.7	41.1
≥ 12000	24.1	32.0	34.4	37.4	38.4	38.6	39.5	40.1	40.2	40.5	40.6	40.7	40.8	40.9	41.1	41.4
≥ 10000	25.1	33.3	35.8	38.9	40.0	40.1	41.1	41.7	41.8	42.1	42.3	42.4	42.4	42.6	42.7	43.1
≥ 9000	25.6	34.0	36.6	39.8	40.9	41.1	42.1	42.7	42.8	43.1	43.2	43.3	43.4	43.5	43.7	44.1
≥ 8000	28.5	37.6	40.4	44.0	45.1	45.3	46.4	47.1	47.7	47.5	47.7	47.8	47.9	48.0	48.1	48.5
≥ 7000	29.4	38.9	41.8	45.5	46.7	46.9	48.0	48.7	48.8	49.2	49.3	49.4	49.5	49.6	49.8	50.2
≥ 6000	29.6	39.2	42.2	46.0	47.1	47.4	48.5	49.2	49.3	49.7	49.8	49.9	50.0	50.2	50.3	50.7
≥ 5000	31.7	41.8	44.9	48.9	50.1	50.4	51.5	52.3	52.4	52.8	52.9	53.0	53.1	53.3	53.4	53.8
≥ 4500	35.0	46.0	49.5	53.9	55.3	55.6	56.8	57.6	57.8	58.2	58.4	58.5	58.5	58.7	58.9	59.3
≥ 4000	39.8	51.8	55.7	60.7	62.2	62.5	63.9	64.8	65.0	65.5	65.6	65.7	65.8	66.0	66.1	66.6
≥ 3500	43.0	55.8	59.9	65.2	66.8	67.1	68.6	69.5	69.8	70.2	70.4	70.5	70.6	70.8	70.9	71.4
≥ 3000	46.8	60.5	64.9	70.5	72.2	72.6	74.2	75.2	75.4	75.9	76.1	76.2	76.3	76.5	76.6	77.1
≥ 2500	48.4	62.7	67.3	73.2	75.1	75.4	77.1	78.1	78.4	78.9	79.1	79.2	79.3	79.5	79.7	80.1
≥ 2000	50.8	65.9	70.9	77.5	79.5	79.9	81.7	82.8	83.1	83.7	83.9	84.0	84.1	84.3	84.5	84.9
≥ 1800	51.2	66.5	71.6	78.3	80.3	80.7	82.5	83.7	84.0	84.6	84.8	84.9	85.0	85.2	85.3	85.8
≥ 1500	52.5	68.2	73.7	80.8	83.0	83.4	85.3	86.6	86.9	87.5	87.7	87.8	87.9	88.1	88.2	88.7
≥ 1200	53.5	69.7	75.4	83.0	85.3	85.8	87.9	89.2	89.6	90.2	90.4	90.5	90.6	90.8	91.0	91.4
≥ 1000	53.7	70.1	76.0	83.8	86.4	86.9	89.1	90.5	90.8	91.5	91.7	91.8	92.0	92.1	92.3	92.7
≥ 900	53.8	70.3	76.3	84.2	86.8	87.3	89.6	91.1	91.4	92.1	92.3	92.5	92.6	92.8	92.9	93.4
≥ 800	53.9	70.5	76.6	84.8	87.6	88.1	90.5	92.1	92.5	93.2	93.4	93.6	93.7	93.9	94.1	94.5
≥ 700	54.0	70.7	76.9	85.3	88.1	88.7	91.2	93.0	93.4	94.1	94.4	94.5	94.7	94.9	95.0	95.5
≥ 600	54.0	70.8	77.0	85.6	88.5	89.1	91.7	93.6	94.0	94.8	95.1	95.3	95.4	95.6	95.8	96.2
≥ 500	54.1	70.8	77.1	85.9	88.9	89.5	92.3	94.3	94.8	95.7	96.0	96.2	96.3	96.5	96.7	97.2
≥ 400	54.1	70.9	77.2	85.9	89.0	89.6	92.5	94.6	95.3	96.3	96.6	96.8	97.0	97.2	97.4	97.9
≥ 300	54.1	70.9	77.2	86.0	89.0	89.7	92.6	94.9	95.5	96.6	97.0	97.3	97.5	97.8	98.0	98.5
≥ 200	54.1	70.9	77.2	86.0	89.1	89.7	92.6	94.9	95.5	96.7	97.2	97.5	97.7	98.2	98.5	99.2
≥ 100	54.1	70.9	77.2	86.0	89.1	89.7	92.6	94.9	95.6	96.7	97.2	97.5	97.8	98.3	98.6	99.8
≥ 0	54.1	70.9	77.2	86.0	89.1	89.7	92.6	94.9	95.6	96.7	97.2	97.5	97.8	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 87171

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 C35R31 LAKENHEATH RAF UK
 STATION STATION NAME

49-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.5	.6	.3					.1
85						1.7	2.4	1.6	.3				.5
80					.7	5.9	7.8	6.5	1.3				1.8
75			.1	.3	4.2	15.1	22.6	20.8	7.0	.6			5.9
70			.4	1.4	13.1	34.5	46.7	46.0	22.4	3.1			13.9
65			1.5	5.5	28.5	63.7	77.8	79.8	51.4	14.4	.1		26.9
60		.7	5.2	19.8	55.4	88.3	96.7	97.7	85.9	38.6	3.2	.1	41.0
55	2.6	5.0	23.2	45.1	82.8	97.9	100.0	100.0	98.1	73.2	19.9	5.4	54.5
50	20.1	21.8	50.1	76.2	96.9	99.9			100.0	93.7	49.2	25.2	69.5
45	42.8	46.0	73.6	94.5	99.9	100.0				99.8	79.7	49.2	82.2
40	66.2	72.5	91.8	99.3	100.0					100.0	94.2	74.8	91.6
35	88.8	92.0	99.1	100.0							99.2	92.7	97.7
30	98.4	98.9	100.0								99.7	99.7	99.7
25	99.6	99.9									100.0	100.0	100.0
20	99.9	100.0											100.0
15	100.0												100.0
10													
5													
0													
-5													
-10													
-15													
-20													
-25													
-30													
-35													
-40													
-45													
-50													
-55													
-60													
-65													
-70													
-75													
-80													
-85													
-90													
MEAN	42.9	43.8	49.2	54.0	61.0	67.3	69.7	69.7	65.4	58.1	49.1	44.4	56.2
S D	6.712	6.615	6.806	6.435	6.970	7.074	6.485	5.958	5.719	5.978	5.951	6.486	71.786
TOTAL OBS	1037	946	1025	978	1036	975	1007	1019	1008	1046	1000	1031	12178

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 035831 LAKENHEATH RAF UK
 STATION STATION NAME

DAILY TEMPERATURES

40-83

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70						.2							.2
65						.3	.7	.1	.1				.1
60						2.6	7.0	7.3	2.3	.5			1.6
55	.1				2.1	19.6	41.6	38.2	18.1	5.3	.6	.1	10.4
50	.7	.4	1.4	3.3	17.9	55.2	79.8	74.0	49.7	24.7	5.4	1.3	26.1
45	6.8	5.0	8.7	15.3	50.8	83.4	95.5	94.7	78.4	49.6	19.7	10.9	43.2
40	20.3	18.4	26.2	43.7	79.8	96.3	99.6	98.9	94.1	74.4	44.2	26.4	60.3
35	47.7	44.1	60.8	76.2	95.3	99.4	100.0	100.0	99.4	91.3	70.4	54.4	78.3
33	59.9	55.6	72.9	86.4	98.0	99.6			99.9	95.0	79.3	65.6	84.4
30	75.8	75.9	85.3	95.2	99.6	99.9				99.1	88.9	79.0	91.6
25	89.6	97.5	95.7	99.4	100.0	100.0			100.0	100.0	97.1	91.3	97.0
20	95.7	96.8	99.1	100.0							99.4	97.0	99.0
15	98.5	98.9	99.9								100.0	99.1	99.7
10	99.6	99.9	100.0									99.9	99.9
5	99.9	100.0										100.0	100.0
0	100.0												100.0
MEAN	33.8	33.4	35.7	38.7	44.2	49.7	53.0	52.5	49.0	44.2	38.3	35.0	42.3
S D	7.487	6.848	6.279	5.714	5.438	5.379	4.653	4.881	5.740	6.667	7.049	7.514	9.412
TOTAL OBS	1037	946	1025	978	1036	975	1006	1019	1006	1046	1000	1031	12107

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 35531 LAKENHEATH RAF UK

DAILY TEMPERATURES

49-83

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						.2							.0
75						.6	.6	.6	.1				.2
70						3.6	6.4	4.3	.9				1.3
65					1.6	17.2	25.9	22.6	8.1	.6			5.9
60			.1	.6	11.6	41.9	65.6	62.5	33.1	8.2	.3		18.6
55	.1	.3	1.5	7.7	37.1	78.9	94.7	95.5	71.4	29.3	3.4	.5	35.0
50	3.9	4.4	12.0	30.0	73.3	97.2	99.8	99.9	94.9	62.9	18.0	7.7	50.4
45	20.3	20.0	39.7	63.1	94.2	99.7	100.0	100.0	99.7	88.5	47.1	26.4	66.7
40	45.5	44.6	70.2	91.6	100.0	100.0			100.0	98.4	76.2	54.2	81.8
35	72.1	75.4	92.8	99.7						100.0	93.8	77.3	92.6
30	90.5	93.3	98.8	100.0							98.6	93.1	97.9
25	97.1	98.4	99.8								99.8	98.9	99.5
20	99.4	99.8	100.0								100.0	99.8	99.9
15	99.8	100.0										100.0	100.0
10	100.0												100.0
MEAN	38.6	38.9	42.7	46.8	52.8	58.7	61.6	61.3	57.4	51.4	43.9	39.9	49.5
S D	6.780	6.338	5.790	5.278	5.330	5.341	4.735	4.491	4.963	5.653	6.113	6.687	10.165
TOTAL OBS	1037	946	1025	978	1036	975	1006	1019	1008	1046	1000	1031	12107

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

335931 STATION LAKENHEATH RAF UK STATION NAME

42-93 YEARS

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49					69	89	87	84	88	74	58*	55	
50	55	62	63	66	71	90	84	82	71	71	56	50	92
51	52	50	57	73	68	74	79	79*	77	66	59	54	79
52	53	53	58	75	78	87	87	78	71	59	55	51	87
53	55	56	69	65	82	79	81	89	77	71	57	58	89
54	58	55	59	61	81	74	75	82	85	68	58	58	95
55	54	51	58	70	68	75	88	85	78	68	60	59	88
56	56	51	63	63	75	71*	80	71	77	63*	55*	56	82
57	* 53*	57*	67*	64*	71*	90*	91*	79*	69*	65*	54*	55	97
58	* 52*	59*	58*	72*	75*	75*	78	78	87	62	56*	54	82
59	53	63	61	70	78	82	91	95	87	77	58*	55	91
60	* 55	62	62	63	76*	84	73	75	74	68	61	55	84
61	54	60	68	65	73	85	97	85	82	71	59	58	97
62	55	56	55	68	66	77	75	75	76	67	57	55	77
63	41	41	59	66	87	81	80	74	74	69	60	49	81
64	52	57	54	68	87	75	87	97	76	71	58	59	97
65	54	50	73	65	87	72	72	75	77	73	59	57	80
66	53	56	55	69	79	81	75	80	72	68	60	54	81
67	55	59	65	77	78	73	84	78	76	69	59	56	84
68	54	47	77	77	72	87	97	79	77	70	58	52	97
69	54	49	56	71	79	79	97	90	77	77	65	54	97
70	49	54	59	61	75	95	98	81	78	74	61	54	88
71	53	53*	53				*	75	75	71	60	57	
72	51	51	66	60	66	69	78	75	71	71	67	57	78
73	51	55	64	62	71	78*	82	87	86	71	60	53	87
74	57	55	63	66	73	75	75	78	71	57	57	60	79
75	57	53	55	66*	69	80	86	91	73	64	57	53	91
76	55	60	57	64	78	93	93	84	73	66	55	48	93
77	53	55	64	66	77	80	84	82	75	69	62	59	84
78	49	55	62	60	81	80	77	75	75	75	62	57	81
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

8. AT LEAST ONE DAY LESS THAN 24 HRS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

112831 LAKENHEATH RAF, UK
STATION STATION NAME

42-83

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
40					77	76	43	41	46	70	26*	75	
51	23	27	27	26	75	45	42	45	41	28	24	19	10
52	23	28	26	30	71	79	42	45*	41	26	29	20	27
53	15	24	27	28	77	40	44	45	33	26	17	20	15
54	26	17	24	26	71	41	46	43	41	34	32	27	17
55	19	11	20	28	35	77	43	45	37	31	27	27	11
56	18	11	27	25	34	79	44	43	41	26	26	22	11
57	21	17	27	26	31	76*	44	38	42	30*	28*	29	10
58	29*	30*	33*	37*	70*	48*	55*	48*	37*	38*	33*	24	24
59	21*	25*	21*	29*	44*	49*	46	47	40	36	31*	25	23
60	27	28	35	35	33	43	47	46	43	36	23*	21	20
61	22	24	37	30	32*	41	43	45	41	33	32	27	22
62	23	32	28	30	36	78	38	41	43	31	24	11	11
63	11	25	15	28	29	79	42	42	36	30	22	7	7
64	4	8	23	29	32	47	40	44	40	38	27	15	4
65	18	19	25	30	37	41	39	37	36	30	22	12	12
66	24	22	14	29	34	74	39	44	40	30	17	15	14
67	12	22	27	26	32	37	42	37	36	32	23	20	12
68	15	22	29	21	26	34	48	39	36	36	23	20	15
69	11	21	27	23	31	39	42	44	38	37	28	17	17
70	23	14	17	25	35	76	45	39	26	37	19	22	14
71	14	22	15	24	32	42	45	42	42	30	26	23	14
72	24	23*	19				*	48	35	30	23	28	
73	17	37	37	30	37	37	41	39	33	33	26	23	17
74	24	19	24	26	33	37*	44	42	37	30	23	15	15
75	24	28	26	10	33	79	44	39	37	32	28	33	24
76	31	26	28	28*	32	35	42	44	35	32	28	24	24
77	19	32	28	26	33	42	44	39	39	39	33	26	19
78	24	26	26	26	35	41	44	46	41	37	28	22	24
79	24	19	28	26	37	41	44	44	41	35	17	21	17
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

AT LEAST ONE DAY LESS THAN 24 OBS

EXTREME VALUES

WYOMING & TERRITORIES

FROM DATA OBSERVATIONS

00001 LAKENHEATH RAF UK
STATION STATION NAME

47-222

YEARS

240°F DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS.)

PSYCHROMETRIC SUMMARY

STATION STATION NAME

4-5-8-

YEARS

MONTH

HOURS 11.5.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B. Dry Bulb	Wet Bulb Dew Point																
55 / 55																		17	17																
55 / 52																		15	16																
55 / 50																		13	15																
55 / 48																		11	14																
55 / 47																		10	13																
55 / 46																		9	12																
55 / 45																		8	11																
55 / 44																		7	10																
55 / 43																		6	9																
55 / 42																		5	8																
55 / 41																		4	7																
55 / 40																		3	6																
55 / 39																		2	5																
55 / 38																		1	4																
55 / 37																		0	3																
55 / 36																			0																
55 / 35																			0																
55 / 34																			0																
55 / 33																			0																
55 / 32																			0																
55 / 31																			0																
55 / 30																			0																
55 / 29																			0																
55 / 28																			0																
55 / 27																			0																
55 / 26																			0																
55 / 25																			0																
55 / 24																			0																
55 / 23																			0																
55 / 22																			0																
55 / 21																			0																
55 / 20																			0																
55 / 19																			0																
55 / 18																			0																
55 / 17																			0																
55 / 16																			0																
55 / 15																			0																
55 / 14																			0																
55 / 13																			0																
55 / 12																			0																
55 / 11																			0																
55 / 10																			0																
55 / 9																			0																
55 / 8																			0																
55 / 7																			0																
55 / 6																			0																
TOTAL		453.9	35.7	4.7	.5													93.4	93.4																

Element (X)	ΣX ²	ΣX	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	65780.9	7468.3	82.3	5.318	93							
Dry Bulb	1518147	76243	39.7	7.383	93		14.1					5.3
Wet Bulb	1345475	34742	37.4	6.231	93		12.3					5.3
Dew Point	1131112	21642	38.2	7.674	93		37.2					0

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 200-280
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
51/ 35				1.2														14	14																	
49/ 33				1.0														14	14																	
47/ 31			1.0															11	11	3																
45/ 29		1.3	1.3															27	27	21																
43/ 27	1.1	2.0	3.4															63	63	72																
41/ 25	1.1	4.3	5.3															34	94	72	42															
39/ 23	1.1	4.6	2.9															76	76	61	46															
37/ 21	2.6	6.7	4.7															112	112	74	36															
35/ 19	3.9	5.0	2.7															89	89	66	69															
33/ 17	1.9	4.8	2.6															67	37	116	64															
31/ 15	1.4	6.3	1.9															98	98	68	67															
29/ 13	1.5	4.7	1.4															62	62	127	89															
27/ 11	1.1	2.3	1.2															37	37	41	36															
25/ 9	1.1	4.2	1.2															53	53	47	52															
23/ 7	1.0	2.4	1.1															32	32	42	71															
21/ 5	1.1	1.3																13	13	33	38															
19/ 3	1.1	1.4	1.1															15	15	11	34															
17/ 1	1.1	1.2	1.0															12	12	13	22															
15/ 0		1.4																4	4	17	17															
13/ 0		1.7																3	3	3	17															
11/ 0		1.5																2	2	1	4															
9/ 0		1.3																			6															
7/ 0		1.1																			6															
5/ 0		1.0																			9															
TOTAL	6.9	56.8	32.5	4.7														930	931	931	970															

Element (X)	Σ x'	Σ x	X	Σ x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1469779	363.9	39.7	7.496	930		17.1					93
Wet Bulb	1326012	342.2	36.3	7.335	930		27.6					93
Dew Point	1098836	311.6	33.5	7.246	930		40.1					

PSYCHROMETRIC SUMMARY

74-83

YEARS

1000

PAGE 4 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
50/ 57			.1	.1														2																	
50/ 55				.2	.1													13	17																
50/ 53			.2	1.1	.3													15	15																
50/ 51			.4	.6	.2													35	35	.9															
50/ 49			.8	.8	.5	.1												47	47	.5	.5														
49/ 47			1.1	.6	.2													64	64	.5	.4														
49/ 45			.5	.7	1.6													120	120	.4	.4														
49/ 43	.1	.4	.3	.4	1.7													99	89	.2	.3														
47/ 41	.2	.8	.7	.5	.2													111	111	.7	1.0														
47/ 39	.3	.6	.2	.3	.1													93	83	1.2	.9														
39/ 37	.2	.4	1.2	.5	.1													91	81	1.1	.3														
39/ 35	.4	.7	1.1	.5	.2													86	86	.8	.8														
39/ 33	.6	.8	.8	1.3	.3													56	56	1.1	.1														
39/ 31		.3	.2	.6	.1													37	37	.6	.1														
31/ 29		.2	.5	1.0														40	40	.4	.8														
29/ 27	.6	.2	.7	.2														27	27	.3	.6														
29/ 25		.5																7	7	.7	.9														
29/ 23		.4		.1														7	7	.7	1.7														
27/ 21	.1	.2																3	3	.7	.2														
27/ 19		.5																5	5	.3	.8														
27/ 17		.1																1	1	.5	1														
17/ 15																				.1	.4														
17/ 13																					.5														
17/ 11																					.4														
17/ 9																					.4														
TOTAL	4.5	51.3	37.3	7.3	.1													929		929	.2														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	5927640	73714	79.5	9.204	929							929
Wet Bulb	1570632	37622	47.5	7.120	929		17.7					929
Dew Point	1183194	35312	38.0	6.643	929		16.7					929
	1161672	32322	34.5	7.122	929		35.6					929

PSYCHROMETRIC SUMMARY

74-82

YEARS

MONTH

PAGE 1 120-1416
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
51/ 56				.2														2	2						
52/ 57				.1	.3													7	7						
54/ 55			.1	.2	.2	.1												6	4						
54/ 53			.1	1.6	1.3	.1												34	34	4					
52/ 51			.4	4.3	2.7	.1												65	60	8					
5/ 49			.3	4.3	1.3													64	64	31	4				
45/ 47			2.2	4.9	2.8	.7												95	95	103	7				
45/ 45	.3	5.1	3.3	2.6														151	151	94	65				
44/ 43			2.2	4.0	2.6													93	93	114	76				
42/ 41			5.6	3.5	.3	.1												93	93	111	1.6				
4/ 39	.3	3.9	3.1	.5														73	73	106	96				
35/ 37	.8	4.1	1.0	.3														56	56	92	116				
36/ 35	.1	4.9	2.2	.6														73	73	84	83				
34/ 33	.1	3.0	1.6	.6														50	50	87	91				
32/ 31			1.6	1.2	.2													28	28	62	75				
32/ 29			1.1	.0														18	19	23	75				
25/ 27	.2	.5																7	7	26	67				
26/ 25			.1																1		11				
24/ 23																				1	10				
22/ 21																					16				
21/ 19																					10				
19/ 17																					6				
16/ 15																					2				
14/ 13																					2				
TOTAL	1.436	7.42	7.18	.7	.9													930	930	930	930				

PSYCHROMETRIC SUMMARY

74-67

YEARS

10/10/10

PAGE 1 ~~SECRET~~

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

12
MONTH

PAGE * 1400-2000
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
54 / 54				.2														2	2									
55 / 57				.1														1	1									
56 / 55			.1	.4	.1													6	6									
54 / 53		.1	1.4	.6														22	21									
52 / 51		.1	3.9	.4	.1													42	42	5								
51 / 49		.3	3.7	.3														40	43	21								
46 / 47		2.7	2.8	.3														54	54	62								
46 / 45		4.9	6.6	1.3	.2													101	121	76								
44 / 43	.3	4.2	6.3	.6														108	108	97								
42 / 41	.6	6.0	4.4	.1														104	124	100								
41 / 39	.1	6.7	1.9	.4														95	85	113								
38 / 37	1.2	4.6	2.6	.1														77	77	104								
36 / 35	.1	7.3	4.4	.1														111	111	68								
34 / 33	.3	4.8	2.5															71	71	139								
32 / 31		1.7	.3	.4														23	23	72								
30 / 29	.1	1.1	.6															17	17	94								
28 / 27	.3	1.4	.4	.2														26	26	25								
26 / 25	.1	.4																5	5	14								
24 / 23		1.1	.1															10	17	4								
22 / 21	.2																	2	2	12								
20 / 19	.1																	1	1	2								
18 / 17		.4																4	4	1								
16 / 15																				3								
14 / 13																				1								
12 / 11																				4								
10 / 9																				7								
TOTAL	3.9	47.8	42.0	5.9	.4													930	937	937								

PSYCHROMETRIC SUMMARY

74-83

YEARS

Abstract

PAGE : 23 of 23

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																						
50/ 57					.7													3	3																							
54/ 55				.5														8	9																							
54/ 53			.2	1.1	.5	.1												15	12																							
52/ 51	.1		.2	.6														26	26	11	1																					
50/ 49			.2	2.7	.9													35	35	21																						
48/ 47			.2	2.5	.9													61	61	38	9																					
45/ 45	.1	4.1	5.7	1.2														101	111	72	41																					
44/ 43	.7	5.3	4.3	1.3														101	101	77	49																					
40/ 41	.4	6.8	5.7	.1														124	114	94	94																					
40/ 39	.3	6.1	2.3	.1														81	81	123	83																					
38/ 37	1.1	6.7	3.2															95	96	102	71																					
36/ 35	.4	7.2	2.4	.2														95	95	99	35																					
34/ 33		4.4	3.1															70	70	111	97																					
32/ 31		2.8	.8	.1														34	34	72	74																					
30/ 29		2.7	1.2															31	31	47	94																					
28/ 27	.6	1.2	.8	.1														25	25	10	69																					
26/ 25	.3	.6																9	9	22	32																					
24/ 23		.6	.1															7	7	11	21																					
22/ 21	.3	.3																6	6	15	1																					
20/ 19	.1	.2																3	3	5																						
18/ 17		.3																3	3	4																						
16/ 15																				1	3																					
14/ 13		.1																1	1	1	3																					
12/ 11																					0																					
10/ 9	.1																	1	1	1	7																					
8/ 7																					1																					
TOTAL	4.35	1.63	7.6	6.5	.1													929	729	929	929																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 74-231 LAKENHEATH RAF UK STATION NAME 74-231 YEARS MONTH JAN

PAGE 1 111 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
59				.1														6	6					
57				.1														15	15					
55			.1	.4	.1													75	75					
53		.1	1.2	.7	.1													158	158	9				
51	.1	.3	3.7	.7	.1													299	299	62				
49	.1	.6	3.2	.7	.1													342	342	221	38			
47	.1	2.7	3.7	.9	.1													545	545	474	51			
45	.1	5.7	6.2	1.4	.1													952	952	524	375			
43	.2	4.4	4.7	1.3														737	737	741	405			
41	.3	5.8	4.5	.5	.1													829	829	761	751			
39	.3	5.8	2.6	.3														675	675	795	77			
37	1.4	4.8	2.4	.1														650	650	893	718			
35	.2	7.1	2.4	.2	.1													740	740	664	751			
33	.2	4.0	2.2	.3														495	495	97	699			
31		2.4	.9	.1														251	251	414	63			
29	.1	2.3	1.2	.1														259	259	326	692			
27	.7	1.5	.4	.0														193	193	247	611			
25	.2	.7	.1															67	67	156	235			
23	.1	.7	.1															61	61	63	194			
21	.1	.3	.1															39	39	62	121			
19		.3																27	27	75	116			
17		.3																19	19	31	75			
15		.1																7	7	14	31			
13		.1																2	2	4	31			
11																				1	31			
9	.2																	1	1	1	41			
7																								
5																								
TOTAL	4.249	0.36	3	8.7	.4													7438	7438	7438	7438			

Element (X)	$\Sigma X'$	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4719.486	5882.88	79.1	9.476	7438	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	12611064	301592	40.5	7.171	7438		92.7					748
Wet Bulb	11074536	282700	38.0	6.659	7438		135.7					748
Dew Point	9209225	255981	34.4	7.330	7438		282.6					748

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-83

YEARS

~~SECRET~~

PAGE : ~~2050-0230~~
NOTES 4, 5, 7, 3

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
51/ 53			.4	.2														5	5																
52/ 51			1.2	.4														13	13																
53/ 49			1.1	1.0	.2													27	27	8															
48/ 47			1.0	2.4	.4													40	40	73	5														
46/ 45		.5	5.7	3.7	.1													72	72	4	3														
44/ 43		.7	5.1	2.6	.5	.1												76	76	75	36														
42/ 41		.6	6.3	1.8	.4													78	78	79	66														
41/ 39		.8	6.0	3.7	.6													82	83	68	79														
38/ 37		1.9	6.7	2.3	.2													89	89	96	75														
36/ 35		1.1	8.6	4.7	.6													124	124	85	86														
34/ 33		.6	5.6	3.7														77	77	172	61														
32/ 31			5.1	.5														48	48	76	7														
29/ 29		.5	4.2	.4														42	42	65	81														
26/ 27		.6	4.4	.2														44	48	44	111														
25/ 25		.1	.5															5	5	24	60														
24/ 23			.1															1	1	7	32														
22/ 21		.4	.2															5	5	4	24														
20/ 19																					1														
18/ 17																					0														
16/ 15																					1														
14/ 13																					2														
TOTAL	7.845	528.1	3.6	.2														337	337	937	857														

PSYCHROMETRIC SUMMARY

14-87

YEARS

155
MONTH

PAGE : 000-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
52/ 41			1.1	.2														11	11							
51/ 40		.8	1.6	.4														23	23							
48/ 47		1.8	1.7	.2														58	58							
46/ 45	.2	4.4	4.9	.4														83	83							
44/ 43	1.0	4.7	1.7															61	61	73	35					
42/ 41	.1	6.8	3.2	.1														86	86	85	57					
40/ 39	1.7	5.6	2.7	.4														95	95	65	27					
38/ 37	1.6	4.2	4.3															64	64	57	27					
36/ 35	.7	7.3	4.5	.4														108	108	71	73					
34/ 33	1.0	7.3	3.7															100		143	55					
32/ 31	.2	4.4	.6															44	44	89	47					
30/ 29		5.3	.5															48	48	70	64					
28/ 27	.2	4.9	.2															50	57	44	124					
26/ 25		1.2																10	17	25	63					
24/ 23		.7																6	6	10	40					
22/ 21	.2	.1																3	3	6	13					
20/ 19																					1					
18/ 17																					1					
16/ 15																					6					
TOTAL	7.56	5.50	3.20															637	337	837	937					

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Type
Rel. Hum.	5698704	68612	82.	9.384	837	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1228455	31643	37.8	6.205	837		16.2					84
Wet Bulb	113544	29976	35.8	5.990	837		24.0					84
Dew Point	933217	27351	32.7	6.877	837		32.1					84

PSYCHROMETRIC SUMMARY

74-67

YEARS

5
MONTH

10-2-110
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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74-017

YEARS

MONTH

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (D) A)

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USAFETAC

AERIAL CLIMATOLOGY BRANCH
 CLIMATE
 AIR WEATHER SERVICE / PAC

PSYCHROMETRIC SUMMARY

STATION LAKE MEAD RTH DAF STATION

- 4 - 5 -

YEARS

MONTH

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM
BY 31

USAFETAC

LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84
USAFETAC/DS-84/008 SBI-AD-E850 624 F/G 4/2

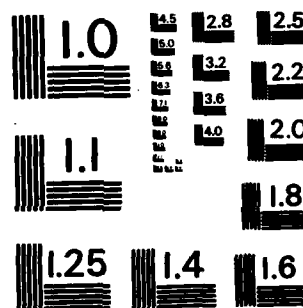
415

UNCLASSIFIED

USAFETAC/DS-84/008 SBI-AD-E850 624

F/G 4/2

NI



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

~~SECRET~~

PAGE 1 ~~1800-2000~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
54/ 53			.5		.2													6	6																
52/ 51		.8	2.7	.2														32	32	2															
51/ 49		.6	2.3	.5														28	28	12															
48/ 47	.1	2.5	3.6	.5														54	56	46															
46/ 45	.4	7.2	5.4	.8														115	115	77															
44/ 43	.2	3.3	2.5	.6														54	56	67															
42/ 41	.6	6.4	5.3	.5														107	107	83															
40/ 39	.5	7.3	2.5	.4														89	89	66															
38/ 37	1.8	4.2	4.7															89	89	123															
36/ 35	.7	4.8	7.2	.5														110	110	72															
34/ 33	.1	4.7	3.9	.2														75	75	172															
32/ 31		3.5	1.0	.4														80	80	83															
30/ 29	.2	1.9	.6															23	23	53															
28/ 27		1.3																11	11	22															
26/ 25		.1																1	1	9															
24/ 23																				1															
22/ 21																																			
20/ 19																																			
18/ 17																																			
16/ 15																																			
TOTAL	4.7	48.6	42.0	4.5	.2													838	838	838															
										</																									

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
54/ 53			.1	.1	.1													3	3					
52/ 51			1.6	.2														15	15					
50/ 49		.8	1.6	.4														23	23	6				
48/ 47		1.9	2.5	.1														38	38	29				
46/ 45	.6	6.5	4.8															99	99	66				
44/ 43	.2	4.5	2.5	.6														66	66	59				
42/ 41	.5	8.4	3.6	.6														109	109	90				
40/ 39	.4	6.3	2.7	.8														80	80	73				
38/ 37	2.3	6.7	2.7															92	92	103				
36/ 35	.8	4.5	5.0	.4														90	90	83				
34/ 33	.2	7.2	3.2															89	89	108				
32/ 31		5.6	1.9															63	63	97				
30/ 29		2.9	1.3															35	35	60				
28/ 27	.4	2.7	.1															27	27	36				
26/ 25	.5	.1																5	5	26				
24/ 23		.7																2	2	32				
22/ 21	.1																	1	1	3				
20/ 19																								
18/ 17																								
16/ 15																								
TOTAL	6.75	7.75	3.0	3.2	.1													837	837	837				
																		</						

PSYCHROMETRIC SUMMARY

74-83

YEARS

~~SECRET~~

PAGE 1

HOUSE (1-5-7-1)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YIARS

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

035831 LAKENHEATH RAF UK
STATION STATION

74-83

YEARS

MAJ
MONYH

PAGE 1 ~~0300-0500~~

[illegible]

PSYCHROMETRIC SUMMARY

035831 LAKENHEATH RAF UK

74-83

MAF

STATION

STATION NAME

YEARS

MENTION

PAGE 1 C600-0807
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1997

PAGE 1 ~~COCO-1199~~

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

 MAR
MONTH

PAGE 1 1200-1400
HOURS (11-5-7)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

~~MAF~~
~~10570~~

PAGE 1 ~~1560-1709~~
~~WALLACE, J. E.~~

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

MAE
MONTH

PAGE 1 1820-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE : ~~2129-2369~~

[illegible]

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YEARS

 McGraw-Hill

Page 10

ALL
HOURS 11-5-7

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

125031 LAKENHEATH RAF UK
STATION STATION NAME

74-83

YEARS

ADD
MONTH

PAGE 1 ~~0000-2200~~
NOV 11 1959

[illegible]

PSYCHROMETRIC SUMMARY

74-83

APB

STATION	STATION NAME
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YEARS

MONTH

PAGE 1

2300-2500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

~~ADD~~
~~NOTE~~

PAGE 1 ~~2600-0800~~
~~NOV 19 1950~~

[illegible]

PSYCHROMETRIC SUMMARY

75839	LAKENHEATH RAF UK
STATION	STATION NAME

74-83

YEARS

APR
MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 35931 LAKENHEATH RAF UK YEARS 74-83 MONTH APR

PAGE 1 1200-1800
HOURS (L. T. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point							
78/ 77																		2	2								
76/ 75																		1	1								
72/ 71																		3	3								
70/ 69																		4	4								
68/ 67																		10	10								
66/ 65																		6	6								
64/ 63																		26	26								
62/ 61																		39	39								
60/ 59																		60	60								
56/ 57																		67	67								
56/ 55																		77	77								
54/ 53																		107	107								
52/ 51																		113	113								
50/ 49																		97	97								
48/ 47																		74	74								
46/ 45																		126	126								
44/ 43																		52	52								
42/ 41																		17	17								
40/ 39																		11	11								
38/ 37																		5	5								
36/ 35																		3	3								
34/ 33																											
32/ 31																											
30/ 29																											
28/ 27																											
26/ 25																											
24/ 23																											
22/ 21																											
20/ 19																											
18/ 17																											
16/ 15																											
TOTAL																		900	900			900					
Element (R)	Z ₁	Z ₂	X	Y	No. Obs.	Mean No. of Hours with Temperature										Total											
Rel. Hum.	3276258	52906	58.833	587	900	≤ 6 F	≤ 22 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 90 F																
Dry Bulb	2480693	86895	52.1	6.833	900			2.0	3																		
Wet Bulb	1870238	80778	85.3	5.057	900																						
Dew Point	1296676	33656	37.8	6.509	900			21.5																			

USAFETAC FORM 0-26-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-23

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point													
78/ 77																		1	1															
74/ 73										.1	.							1	1															
72/ 71									.1	.2								3	3															
70/ 69								.7	.	.2								5	5															
68/ 67							.1	.2	.									5	5															
66/ 65				.1	.3	.7	.6	.2	.1									13	13															
64/ 63			.1	.9	1.2	.2	.2	.2	.									26	26															
62/ 61			.2	3.7	.7	.6	.3	.1										44	44															
60/ 59			.8	2.8	1.3	1.4	.											65	65	3														
58/ 57		.4	1.2	2.8	1.2	1.4	.1											65	65	9														
56/ 55				2.7	2.6	1.6	.9											69	69	22	2													
54/ 53			1.4	3.8	3.7	1.1	.7											96	96	61	1													
52/ 51		.4	1.8	2.8	3.7	2.3	.7											105	105	43	11													
50/ 49		.2	1.3	3.1	2.1	1.6	.1	.1										77	77	109	10													
48/ 47		.9	1.1	3.4	3.9	1.8	.1											97	97	107	20													
46/ 45	.2	2.0	4.3	4.3	3.1	1.1												136	136	117	90													
44/ 43	.2	.2	1.3	1.7	.9	.1												40	40	122	97													
42/ 41		.6	1.2	.3	.4													23	23	118	82													
40/ 39		1.3	.7															18	18	90	79													
38/ 37	.1	.3	.2															6	6	63	86													
36/ 35		.4																4	4	75	92													
34/ 33	.1																	1	1	11	101													
32/ 31																					61													
30/ 29																					63													
28/ 27																					51													
26/ 25																					27													
24/ 23																					22													
22/ 21																					8													
20/ 19																					1													
18/ 17																					2													
14/ 13																					1													
TOTAL	.7	6.4	13.9	24.1	30.1	14.1	6.8	2.4	.8	.6	.1							900	900		900													
																		900		900														
Element (X)	ΣX ¹		ΣX		Σ		Σ ²		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.	3298397		52607		58.533.886		900		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total													
Dry Bulb	2466510		46737		51.9		6.686		900				1.5		.2						90													
Wet Bulb	1852986		40562		45.1		5.263		900												90													
Dew Point	1274265		33331		37.0		6.660		900		22.9										90													

PSYCHROMETRIC SUMMARY

035831 LAKENHEATH RAF UK
STATION STATION NAME

74-B3

YEARS

**AD
NOTES**

PAGE 1 ~~1820-2300~~

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PSYCHROMETRIC SUMMARY

74-87

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APR
MONTH

PAGE 1 2100-2300
HARRIS (L. E. J.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 75831 LAKENHEATH RAF UK STATION NAME 74-83 YEARS APR MONTH

PAGE 1 HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
70/ 77																		3			3														
76/ 75																		2			2														
74/ 73																		1			1														
72/ 71																		7			7														
70/ 69																		17			17														
68/ 67																		16			16														
66/ 65																		26			26														
64/ 63																		73			73														
62/ 61																		107			107														
60/ 59																		175			175														
58/ 57																		246			246														
56/ 55																		298			298														
54/ 53																		476			476														
52/ 51																		517			517														
50/ 49																		509			509														
48/ 47																		620			620														
46/ 45																		1369			1369														
44/ 43																		919			919														
42/ 41																		597			597														
40/ 39																		404			404														
38/ 37																		290			290														
36/ 35																		276			276														
34/ 33																		149			149														
32/ 31																		59			59														
30/ 29																		39			39														
28/ 27																		16			16														
26/ 25																		3			3														
24/ 23																																			
22/ 21																																			
20/ 19																																			
18/ 17																																			
16/ 15																																			
14/ 13																																			
Element (X)	Σ H					Σ H					Σ H					Σ H					Σ H					Σ H									
Ref. Num.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REPRODUCED BY THE AIR FORCE OFFICE OF THE SECRETARY OF THE AIR FORCE
USAFETAC

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4

YEARS

APR
MONTH

PAGE 7

ALL
HOURS (L. S. T.)

0-26-5 (OL A)

USAFETAC

2

PSYCHROMETRIC SUMMARY

74-93

YEARS

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PAGE 1 ~~SECRET~~

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USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 MAY
MONTH

PAGE 1 2300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-53

YEARS

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PAGE 1 ~~11-00-0000~~
~~11-00-0000~~

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USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

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PAGE 1 1500-11-1
HOURS (L.S.T.)

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

24-83

YEARS

2014

PAGE 1 ~~120-240~~
Notes (L. 8.4.1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 71																		1	1						
69/ 70																		2	2						
78/ 77																		8	8						
76/ 75																		10	10						
74/ 73																		22	22						
72/ 71																		21	21						
70/ 69																		27	27						
68/ 67																		27	27						
66/ 65																		50	50						
64/ 63																		113	113						
62/ 61																		77	77						
60/ 59																		102	102						
58/ 57																		106	106						
56/ 55																		77	77						
54/ 53																		90	90						
52/ 51																		79	79						
50/ 49																		89	89						
48/ 47																		40	40						
46/ 45																		13	13						
44/ 43																		3	3						
42/ 41																		1	1						
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
TOTAL	.3	4.6	11.3	21.4	21.1	17.3	11.1	6.0	4.6	2.1	.2							918	918	918					

Element (X)	ΣX ¹	ΣX	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3218268	52568	57.3	34.955	918	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3225763	58032	58.9	7.284	918			12.0	8.4	.1		93
Wet Bulb	2391352	86620	50.9	8.985	918							93
Dew Point	1721852	70307	42.8	6.505	918		7.8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION LAKENHEATH RAF UK
STATION NAME

74-53

YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																						
76/ 76									.1										4	4																						
76/ 77								.7	.9										11	11																						
76/ 75							.1	.1	.5										8	8																						
74/ 73							.1	.3	.5	.3									13	13																						
72/ 71								.1	.1	.4	1.0	.7	.1						18	18																						
72/ 69					.1	.4	.9	.9	.1	.4	.1								26	26																						
68/ 67					.4	.8	.5	.3	.4	.7									25	25																						
68/ 65			.1	.4	1.2	.2	2.4	1.1	.7	.1									56	56																						
64/ 63			.1	1.7	2.5	3.5	2.7	1.0	.9										177	107	8																					
62/ 61			.7	1.1	3.3	2.3	2.2	.7	.4										91	91	16																					
60/ 59			.5	1.5	3.5	2.7	2.7	.9	.1										103	103	38																					
58/ 57		.2	.8	3.5	3.1	2.7	1.2												105	105	52																					
56/ 55		.1	1.1	4.8	2.3	1.7													87	87	75																					
50/ 53	.1	.4	1.3	2.9	1.5	.4	.2												64	64	114																					
52/ 51	.1	.2	3.7	1.9	1.5	.7	.3												77	77	130																					
50/ 49		1.2	2.5	1.6	.7	.9													60	60	165																					
48/ 47	.7	1.3	.3	.3	1.7	.3													32	32	144																					
46/ 45		.8	1.4	.2	.7														24	24	97																					
44/ 43		.7																	6	6	34																					
42/ 41																					29																					
40/ 39	.1																		1	1	23																					
38/ 37																					2																					
36/ 35																																										
34/ 33																																										
32/ 31																																										
30/ 29																																										
28/ 27																																										
26/ 25																																										
24/ 23																																										
TOTAL	.4	4.4	12.9	22.3	27.9	16.4	12.2	5.7	5.4	1.1	.5								918	918	918																					

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

135971 LAKEHEATH RAE UK
STATION STATION NAME

74-83

YEARS

1998

PAGE ' ~~1600-2200~~
Notes 9. E. 349

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
71/ 77																		1	1																
74/ 75																		3	3																
74/ 73																		5	5																
72/ 71																		4	4																
71/ 69																		11	11																
60/ 67																		13	13																
66/ 65																		24	24																
64/ 63																		67	67																
67/ 61																		69	69																
60/ 59																		77	77																
58/ 57																		92	92																
56/ 55																		97	97																
54/ 53																		110	110																
52/ 51																		96	96																
50/ 49																		86	86																
48/ 47																		81	81																
46/ 45																		61	61																
44/ 43																		11	11																
42/ 41																		7	7																
40/ 39																		3	3																
38/ 37																		2	2																
36/ 35																																			
34/ 33																																			
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
TOTAL																		918	918																

Element (X)	Σx^1	Σx	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3061623	50046	64	233	279	018						
Dry Bulb	2816138	50088	55	2	6463	018						
Wet Bulb	2211193	48619	48	8	5005	018						
Dew Point	1601955	18900	42	5	6188	018						

PSYCHROMETRIC SUMMARY

74-87

YEARS

DALF ' 2100-2700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65			.1		.2													8	4						
64/ 63				.2	.1		.1											10	10	1					
62/ 61	.2		.4	1.2	.2		.1											18	19	2	3				
60/ 59			.2	1.1	.6		.1											29	29	3					
58/ 57		.2	2.1	1.5	.2		.3											48	48	13					
56/ 55		1.2	1.9	3.1	.2		.2											63	63	21	2				
54/ 53		.6	4.9	5.2	2.1		.2											116	116	40	22				
52/ 51	.3	1.2	7.4	3.1	.6		.1	.1										115	115	59	33				
50/ 49		2.6	9.1	1.5	.4													112	112	119	31				
48/ 47	.4	6.7	5.5	1.9	.1		.1											132	132	181	62				
46/ 45		6.5	7.8	1.1	.1													139	139	179	171				
44/ 43	.1	1.2	2.2	.6														37	37	86	147				
42/ 41	.1	.6	2.2	.3														29	29	83	131				
40/ 39	.1	1.3	1.2	.2														26	26	36	92				
38/ 37	.2	1.1	.7															18	18	36	59				
36/ 35		.2	.3															5	5	23	59				
34/ 33			.1															1	1	13	34				
32/ 31																					1				
30/ 29																					14				
28/ 27																					6				
26/ 25																					6				
TOTAL	1.6	23.3	45.9	21.5	6.3	1.3	.1											893		893	893				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 71031 LAKENHEATH RAF UK STATION NAME 74-83 YEARS MAY MONTH
PAGE 1 HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
77/ 61																		1	1						
76/ 79																		6	6						
78/ 77																		21	21						
76/ 75																		25	25						
74/ 73																		46	46						
72/ 71																		53	53						
71/ 69																		81	81						
68/ 67																		83	83						
66/ 65																		170	170						
64/ 63																		306	306						
62/ 61																		353	353						
60/ 59																		436	436						
58/ 57																		554	554						
56/ 55																		588	588						
54/ 53																		726	726						
52/ 51																		804	804						
50/ 49																		662	662						
48/ 47																		764	764						
46/ 45																		806	806						
44/ 43																		225	225						
42/ 41																		145	145						
40/ 39																		94	94						
38/ 37																		88	88						
36/ 35																		72	72						
34/ 33																		40	40						
32/ 31																		6	6						
30/ 29																		3	3						
28/ 27																		3	3						
26/ 25																									
24/ 23																									
TOTAL																		7191	7191						
																						7191		7191	
Element (X)	Σx'	Σx	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	35041147	496243	60.0	35	7191	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb	20593725	380817	53.0	7.703	7191		1.2	32.8	10.2			744													
Wet Bulb	16578083	382953	47.7	5.556	7191		6.2					744													
Dew Point	12118327	308103	42.3	5.000	7191		4.8					744													

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FORM 84
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
77/ 69				.1	.1													2	2						
68/ 67				.2	.3													5	5						
66/ 65				.4														9	9						
64/ 63		.1	.1	1.0	.1													12	12						
62/ 61		.1	2.1	2.7	.7													47	47						
60/ 59		1.4	5.2	2.1	.6		.1											69	84	16	3				
58/ 57		4.4	3.8	2.4	.0													104	104	54	3				
56/ 55		5.4	5.2	3.7														123	123	111	49				
54/ 53	.1	4.7	8.3	3.9	.7													155	155	105	119				
52/ 51		4.2	7.6	2.7	.7													127	127	140	89				
50/ 49	.1	3.2	4.6	1.1	.1													82	82	158	111				
48/ 47		3.8	2.8	.8	.1													67	67	118	112				
46/ 45		3.1	2.1	.3														50	57	92	154				
44/ 43	.1	1.3	.6	.3														21	21	49	91				
42/ 41		1.1	.7															16	16	31	67				
40/ 39			.1															1	1	19	44				
38/ 37																				3	29				
36/ 35																				1	13				
34/ 33																					13				
32/ 29																					2				
TOTAL		333.0	43.1	20.4	3.7	.1												900	900	920	900				

Element (X)	Z _g ¹	Z _g	Z	°s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5680135	71115	79.7	8.752	900	≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2605453	48215	53.6	8.999	900							8.0
Wet Bulb	2280657	45201	51.2	8.659	900							9.0
Dew Point	2023899	42411	47.1	5.310	900							8.0

PSYCHROMETRIC SUMMARY

73-82

YF 688

6274

PAGE 1 ~~CONFIDENTIAL~~

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

STATION	LAKENHEATH RAF UK
STATION NAME	

75-82

YEARS

ALL MONTH

PAGE 1 2600-1803
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
70/ 77																		1	1																	
76/ 75																		1	1																	
74/ 73																		6	6																	
77/ 71																		6	6																	
70/ 69																		8	8																	
68/ 67																		8	8																	
66/ 65																		15	15																	
64/ 63																		70	70																	
67/ 61																		60	60																	
67/ 59																		105	105																	
60/ 57																		150	150																	
56/ 55																		156	156																	
47/ 53																		139	139																	
52/ 51																		89	89																	
57/ 49																		39	39																	
49/ 47																		30	30																	
46/ 45																		13	13																	
44/ 43																		3	3																	
42/ 41																		1	1																	
40/ 39																																				
38/ 37																																				
36/ 35																																				
TOTAL																		900	900																	

Element (X)	2x ²	2x	x	x ²	No. Obs.	Mean No. of Hours with Temperature					
Rel. Num.	5100141	67147	79.630031	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2893142	50826	56.5	5.239	900			3.0	.8		900
Wet Bulb	2461551	46911	52.1	4.270	900						900
Dew Point	2120452	43468	48.3	4.882	900						900

2

4

YEAR

~~11N~~
~~NORTH~~
~~6860-1142~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 87											.1							1	1																
86/ 85											.2							2	2																
84/ 83									.3	.1								3	3																
82/ 81								.4	.3	.1								8	8																
80/ 79							.7	.7	.4			.1						10	10																
78/ 77						.2	.8	.7			.2							14	14																
76/ 75							.9	.3	.3									12	12																
74/ 73			.1	.1	.4		.9	.2	.3									19	19																
72/ 71					.7	1.3	.7	.7										26	26																
70/ 69				.2	1.3	1.4	1.2	.2	.1									41	41																
68/ 67			.2	.1	1.1	2.7	.7	.6	.1									49	49	17															
66/ 65			.3	.8	2.8	1.4	1.4	.3										64	64	15															
64/ 63		.1	.7	5.3	5.4	4.6	.7											151	151	31	1														
62/ 61		.2	1.7	3.2	5.9	1.8	1.3	.2										126	126	42	13														
60/ 59		.3	3.3	3.8	6.7	1.8	.7	.2										145	145	72	22														
58/ 57	.1	1.4	1.4	1.7	2.6	1.3	.3											95	95	145	33														
56/ 55	.1	.6	1.7	2.9	2.4	.7												69	69	131	72														
54/ 53		.8	1.1	2.2	.4	.1												39	39	151	99														
52/ 51		.1	1.2	.4	.1													17	17	172	114														
50/ 49			.2															3	3	88	76														
48/ 47				.1														1	1	63	96														
46/ 45			.2															2	2	20	163														
44/ 43																				3	64														
42/ 41																					79														
40/ 39		.1																1	1		25														
38/ 37																				1	19														
36/ 35		.2																2	2		14														
34/ 33																				2	12														
32/ 31																					2														
30/ 29																					1														
TOTAL	.2	3.6	11.6	22.9	24.4	17.4	9.1	4.7	1.9	.2	.6	.1						900	900	900	900														

Element (X)	ΣR²	ΣR	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	35305.0	55281	61.4	2.655	900							
Dry Bulb	7535333	56093	62.3	6.612	900			18.5	6.0	2.3		90
Wet Bulb	2721007	49293	58.8	8.917	900			1.7				90
Dew Point	2132322	47488	48.3	5.871	900							90

0-26-5 (OL A)



USAFETAC

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PSYCHROMETRIC SUMMARY

73-62

YEARS

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PAGE 7 ~~124G-145G~~
~~100-101-102~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point	
TOTAL		1.3	7.6	12.1	16.7	21.3	25.9	30.5	35.1	39.7	44.3	48.9	53.5	58.1	62.7	67.3	71.9	90.0	90.0	90.0	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION LAKENHEATH DAF TX
STATION NAME

73-87

YEARS

JULY
MONTH

PAGE 1 15-00-17-0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
93																																				
91																																				
89																																				
87																																				
85																																				
83																																				
81																																				
79																																				
77																																				
75																																				
73																																				
71																																				
69																																				
67																																				
65																																				
63																																				
61																																				
59																																				
57																																				
55																																				
53																																				
51																																				
49																																				
47																																				
45																																				
43																																				
41																																				
39																																				
37																																				
35																																				
33																																				
31																																				
TOTAL		3.7	5.9	15.0	19.0	20.2	15.9	9.9	5.1	2.2	1.6	.8	.3	.1																						
Element (X)	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Mean No. of Hours with Temperature										Total											
Rel. Hum.	2938333	49857	55.4	14.009	900																															
Dry Bulb	3078862	58908	65.5	7.588	900																															
Wet Bulb	284614	57412	56.7	4.987	900																															
Dew Point	2119466	43356	48.2	5.359	900																															

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-82

YEARS

100

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PSYCHROMETRIC SUMMARY

73-47

YEARS

— *John Doe*

1998

0-26-5 (OL A)

USAFETAC

2

4

73-92

YEARS

~~SECRET~~

PAGE 5

HOURS 4 1/2 (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

3-22

YEARS

MONTANA

DATE

HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	205.7	224.9	21.3	14.4	10.4	6.3	3.7	1.7	0.6	0.5	0.3	0.1	0.0					7200	7200	7200	

Element (X)	Σ X ¹	Σ X	X	° _h	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	34795389	488527	67.9	5.132	7200	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	7200
Dry Bulb	25689447	426297	59.2	7.900	7200			111.7	96.1	11.8	.3	7200
Wet Bulb	20502437	382289	53.1	5.330	7200			7.9				7200
Dew Point	16690172	344332	47.8	5.564	7200		2.9					7200

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 ~~SECRET~~

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL C.S./W.B.	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb
51/ 51					.1																												1	1	
52/ 52					.2																												3	3	
53/ 53					.3	.4																											6	6	1
54/ 54				.2	.5	1.3	.2																										21	21	2
55/ 55			.4	.4	.3	.1	.3	.1																									75	75	6
56/ 56			.3	.4	.5	.2	.4	.1	.5	.1																							114	114	21
57/ 57			.4	.2	.6	.8	.3	.1	.4																								134	134	75
58/ 58			.5	.4	.5	.6	.4	.4	.5																								146	146	143
59/ 59			.5	.7	.6	.7	.2	.7																									128	128	143
60/ 60			.4	.7	.7	.2	.7																										40	90	146
61/ 61			.7	.9	.5	.9																											45	45	126
62/ 62			.2	.3	.2	.3																											32	32	75
63/ 63			.2	.7	1.3																												13	13	45
64/ 64			.2																														2	2	9
65/ 65																																			
TOTAL			.23	.54	.6	.52	.3	.2	.2	.2																						930	930	930	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6009768	78832	82.0	7.528	930	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Dry Bulb	3317670	52852	56.8	8.613	930				1.0			93
Wet Bulb	2669451	89669	57.4	8.287	930				.1			93
Dew Point	2803080	87088	50.6	8.555	930							93

PSYCHROMETRIC SUMMARY

78-27

YEARS

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PAGE

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HOLDS (1-5-1)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

73-82

YEARS

1111

PAGE ' ~~2600-2855~~
HOURS (C. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

7931	LAKEHEATH RAF UK
STATION	STATION NAME

73-87

YEARS

DATE _____

PAGE 1 1911-1100
HOURS (1-5-7)

[illegible]

PSYCHROMETRIC SUMMARY

15331	LAKENHEATH RAF UK	73-80	
STATION	STATION NAME	YEARS	111 MONTH

PAGE : ~~1225-1440~~
MOON'S (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

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MONT

PAGE 1 15-C-17-G
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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YEARS

MONTY

PAGE 1 100-2100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
66/ 65												.1	.1											
62/ 81												.1	.1											
91/ 70						.1		.2	.1	.4	.1	.1						11	11					
78/ 77						.3	.9	.4	.4	.1		.1						20	23					
78/ 75					.7	.9	1.	.6	.4		.5							27	27					
74/ 73				.4	.9	1.1	1.6	.2	.5									50	53					
72/ 71			.5	1.7	2.4	1.2	.5	.2										61	61					
71/ 69		.1	1.2	2.2	2.9	1.2	.5											70	70	1				
68/ 67		.8	.4	3.2	2.8	.2	.7											61	61	12				
66/ 65	.3	.9	3.4	2.9	2.4	1.3												104	134	44				
64/ 63	.4	2.7	5.6	5.3	5.8	.2												196	186	63				
62/ 61	.3	3.3	3.9	4.7	1.0	.2												125	125	122				
60/ 59	1.5	1.9	3.1	2.5	.3													87	87	173				
58/ 57	1.9	1.3	2.6	.2														62	62	173				
56/ 55	.9	2.1	1.7															37	37	153				
54/ 53	.8	.2																9	9	108				
52/ 51	.7																	2	7	65				
50/ 49	.1																	1	1	27				
48/ 47																				2				
46/ 45																				123				
44/ 43																				132				
42/ 41																				26				
40/ 39																				19				
38/ 35																				3				
TOTAL	5.5	14.7	22.5	23.3	19.8	7.6	3.0	1.0	.5	.4	.4	.1						930	930	930				
																</								

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YEARS

1000 T.M.

PAGE 1 201-212
HOUSE (L. S. V.)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0-26-5 (OL A)

USAFETAC

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4

73-82

YEARS

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PAGE

HOURS (C, S, T)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

4

73-22

YEARS

ALL
MONTHS

PAGE 1

~~CONFIDENTIAL~~
HOURS (L, S, T)

0-26-5 (OLA)

USAFETAC

2

4

73-82

YEARS

~~ALL~~
MONTH

PAGE 1 2377-2567
HOURS (L. S. T.)

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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MAR 84

USAFETAC

GENERAL CLIMATOLOGY BRANCH
 CHARLESTON
 AIR WEATHER SERVICE/NAAC

PSYCHROMETRIC SUMMARY

STATION 14001 LAKEHLEATH DAF 14 77-67 YEARS MONTH

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B. Dry Bulb Wet Bulb		Dew Point															
77/77																																			
76/76																																			
74/74																																			
72/72																																			
70/70																																			
68/68																																			
66/66																																			
64/64																																			
62/62																																			
60/60																																			
58/58																																			
56/56																																			
54/54																																			
52/52																																			
50/50																																			
48/48																																			
46/46																																			
44/44																																			
42/42																																			
40/40																																			
38/38																																			
36/36																																			
34/34																																			
32/32																																			
30/30																																			
28/28																																			
26/26																																			
24/24																																			
22/22																																			
20/20																																			
18/18																																			
16/16																																			
14/14																																			
12/12																																			
10/10																																			
8/8																																			
6/6																																			
4/4																																			
2/2																																			
0/0																																			
TOTAL																																			

Element (K)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Num.	5845862	73200	78.7	9.527	93	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb	1154525	5446	58.6	5.713	93						
Wet Bulb	2773011	5067	54.4	4.543	93						
Dew Point	2481772	47808	51.4	5.097	93						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

7-52

YEARS

ALL MONTH

PAGE 1 ~~SECRET~~
HOURS 11:50

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

73-82

YEARS

AUG
MONTH

PAGE : 120-1410
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/60												.1	.1					2	2			
70/60												.4	.4					4	4			
70/67												.1	.1					3	3			
70/65									.1	.4		.1	.1					6	6			
70/67								.1	.4	.1	.4	.4	.4					13	13			
70/61						.1	.4	.1	.3	.2	.1	.3	.3					23	23			
70/70					.4	.1	.1	.1	.1	.4	.1	.1	.1					25	25			
70/77				.1	.2	.1	1.3	1.6	.3	.1								41	41			
70/75			.1	.5	1.7	1.7	.9	.5										57	57			
70/73			.5	1.4	3.2	1.6	.5											76	76			
70/73		.1	1.4	3.7	2.7	2.5												89	89	.4		
70/69		.2	.6	1.6	3.7	4.2	1.7											109	109	1.4		
70/67		.3	.5	2.2	1.6	2.2	.1											69	69	25		
60/65		.4	1.1	1.9	3.2	3.7	4.1	.1										139	139	35	.4	
60/63		.1	2.3	2.9	4.1	5.7	1.7											149	149	95	23	
60/61		.2	2.4	1.7	1.6	.8	.4											67	67	163	24	
60/60		.5	1.2	1.1	.3	.2	.1											32	32	157	45	
50/57		.5	.9	.2	.3	.1												19	19	163	85	
50/65		.1																1	1	148	107	
50/63		.2	.1															3	3	97	102	
50/51		.5																3	3	27	114	
40/40																				2	95	
40/47																				3	126	
40/45																					132	
40/43																					39	
40/41																					2	
30/30																					11	
30/37																						
30/35																						
TOTAL	1.9	9.0	9.0	16.2	21.3	21.0	10.6	4.3	3.2	1.7	1.4	.2						930	930	930		

Element (X)	Σx'	Σx	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	
Rel. Hum.	3232067	51553	55.4	13.698	930						
Dry Bulb	444856	64740	68.9	6.458	930			51.7	25.0	6.5	93
Wet Bulb	3254987	54887	59.0	4.104	930			4.3			93
Dew Point	2486976	47836	51.4	5.337	930						93

PSYCHROMETRIC SUMMARY

2-5-52

YEARS

PAGE 1 ~~15-16-17-18~~
~~Pages 15, 16, 17, 18~~

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PSYCHROMETRIC SUMMARY

431 LAKENHEATH RAF UK
STATION STATION

73-82

AUG
MONTH

PAGE 1

1371-2750
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
66/ 85																		1	1						
64/ 83																		1	1						
62/ 81																		6	6						
60/ 79																		6	6						
58/ 77																		18	18						
56/ 75																		25	25						
54/ 73																		45	45						
52/ 71																		41	41						
50/ 69																		75	75	1					
48/ 67																		60	60	14					
46/ 65																		118	118	3					
44/ 63																		177	177	19					
42/ 61																		140	140	24					
40/ 59																		174	104	48					
38/ 57																		63	63	63					
36/ 55																		25	25	100					
34/ 53																		15	15	146					
32/ 51																		8	8	76					
30/ 49																				22					
28/ 47																				17					
26/ 45																				1					
24/ 43																				125					
22/ 41																				37					
20/ 39																				28					
18/ 37																				5					
TOTAL	4.1	7.7	21.7	23.4	18.1	9.9	4.1	1.0	.5	.3								930	930	930					

PSYCHROMETRIC SUMMARY

75271 LAKENHEATH RAF UK
STATION STATION NAME

73-82

YEARS



PAGE 1 ~~21-25-23-3~~
~~26-27-23-3~~

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 75231 LAKENHEATH RAF UK STATION NAME

73-82 YEARS

MONTH

AUG

PAGE 1

ALL HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
88/ 81																		2							
87/ 80																		11							
86/ 79																		6							
85/ 78																		12							
84/ 77																		31							
83/ 81																		65							
82/ 70																		70							
79/ 77																		134							
76/ 75																		161							
74/ 73																		234							
72/ 71																		295			6				
70/ 69																		391			1				
68/ 67																		399							
66/ 65																		677							
64/ 63																		1124							
62/ 61																		871							
60/ 59																		807							
58/ 57																		741							
56/ 55																		494							
54/ 53																		367							
52/ 51																		287							
50/ 49																		168							
48/ 47																		132							
46/ 45																		87							
44/ 43																		15							
42/ 41																		16							
40/ 39																		3							
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
TOTAL																		7440			7440				
Element (X)	Σ g'		Σ g		Σ R		Σ S		No. Obs.		Mean No. of Hours with Temperature								Total						
Rel. Hum.	37300878		514194		69.105.398		7440				≤ 6 F		≤ 20 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total		
Dry Bulb	29123384		462708		62.17.635		7440								172.1		72.6		17.0				744		
Wet Bulb	23493636		416367		56.05.056		7440								12.5								744		
Dew Point	19624158		380086		51.15.272		7440																744		

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

73-82

YEARS

5-11

PAGE 1 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
77 / 65			.1															1	1						
62 / 67					.1		.1											2	2						
66 / 65			.7	.6														8	9	1					
64 / 63			.3	2.4	1.8	.1	.3											4.7	4.7						
77 / 61		1.4	3.1	1.9	.7	.1												6.2	6.7	11					
60 / 59		1.9	5.7	1.1	.2													8.0	8.0	4.3					
54 / 57		3.9	6.0	3.7	.6													17.1	12.1	7.4					
58 / 55		4.3	6.2	2.7	.7													17.2	12.2	9.6					
54 / 53		3.6	8.7	2.8	1.2													14.6	14.0	12.3					
52 / 51		2.2	5.6	.2	.6													7.5	7.5	17.6					
57 / 49		2.4	4.2		.7													6.2	6.7	12.2					
46 / 47	.1	4.1	3.2	.2	.1													7.0	7.3	9.6					
47 / 45	.1	4.7	2.0															5.5	5.5	7.5					
44 / 43		1.4	1.9															7.0	3.9	6.1					
47 / 41		.9	.4															1.2	1.2	2.7					
47 / 39		.7																.6	.6	2.1					
39 / 37		.6																5	5	7					
36 / 35																				5					
34 / 33																									
32 / 31																									
TOTAL	.231	6.49	7.14	.4	4.6	.6												8.08	8.08	8.98					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	57385.2	71378	79.5	8.512	898	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2647498	48497	54.0	5.700	898				3			93
Wet Bulb	2330265	45537	50.7	5.264	898							93
Dew Point	2272180	42829	47.7	5.714	898							93

PSYCHROMETRIC SUMMARY

73-8?

YEARS

5 MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

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2

YEARS

13-82

PAGE 1 ~~100-786~~
~~100-1030~~

USAFETAC
FORM
DA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	581385	71834	79.9	9.53	899	$\leq 67^\circ$	$\geq 73^\circ$	$\geq 80^\circ$	$\geq 93^\circ$	Total	
Dry Bulb	26853.5	8889	53.9	5.77	899		2				90
Wet Bulb	233355	85572	57.7	5.29	899						90
Dew Point	208077	8291	47.8	5.72	899						

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YEARS

77-37

SEP
MONTH

PAGE 1 1950-1953
HOURS (L. S. T.)

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USAFETAC

PSYCHROMETRIC SUMMARY

2231 STATION LAKEHEATH RAC UK STATION NAME

7-3-22

YEARS

~~SECRET~~

DATE : 12-14-60
Notes 11. 8. 7. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 51																		3	3						
72/ 72																		4	4						
72/ 77																		13	13						
72/ 75																		13	13						
74/ 73																		42	42						
77/ 71																		43	43						
77/ 49																		74	74						
68/ 67																		84	84	6					
67/ 65																		113	113	14					
64/ 63																		143	143	48					
62/ 61																		109	109	8					
59/ 59																		82	82	32					
59/ 57																		57	57	52					
56/ 55																		37	37	84					
54/ 53																		19	19	87					
52/ 51																		8	8	115					
51/ 49																		1	1	86					
48/ 47																		1	1	25					
46/ 45																				5					
44/ 43																				1					
42/ 41																									
41/ 39																									
37/ 37																									
36/ 35																									
34/ 33																									
TOTAL	3.7	8	15	8	9	9	7	6	5	4	2	7	8					899	899	899					

Element (X)	Σ X'	Σ X	X̄	s _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3224335	52623	58.582	.665	899	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 88 F	≤ 93 F	
Dry Bulb	3774881	58725	68.5	5.753	899			28.9	9.2	.3		93
Wet Bulb	2448576	50854	56.1	4.348	899			.6				93
Dew Point	2196030	48142	49.1	5.688	899							93

PSYCHROMETRIC SUMMARY

1000000	LAKEHEATH RAF UK
STATION	STATION NAME

73-92

YEARS

22 P
MONTH

PAGE 1 100-170
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
50/ 55											.1							1	1																	
44/ 53										.1								1	1																	
30/ 51																		5	5																	
1/ 74							.1		.2		.1							4	4																	
22/ 77								.5	.7									13	13																	
24/ 75					.2	.6	.6	.4	.3	.2	.1							12	22																	
20/ 73			.4			.9	1.8	.4	.7	.1								39	39																	
28/ 71					1.1	1.3	2.6	.7	.6									58	58																	
20/ 69			.1	.3	1.7	2.7	2.3	1.2		.1								82	32																	
15/ 67			.2	.6	1.7	1.8	1.7	.6	.1									59	59	13																
16/ 65		.1	.7	1.6	1.8	2.7	3.7	.4										96	96	19																
14/ 63		.4	.9	4.4	2.6	7.4	3.1	.1										184	184	42	3															
50/ 61		.5	1.1	2.7	4.8	2.8	1.2											19	19	171	8															
6/ 59		.8	1.9	3.7	3.1	1.2	.4											97	97	93	13															
15/ 57		.7	.7	2.4	2.7	1.7												64	64	172	42															
58/ 55		.3	.9	1.8	.7													33	33	152	78															
14/ 53		.1	1.6	.3	.4													22	22	148	62															
12/ 51		.3	.7	.6														11	11	111	103															
57/ 49			.7	.1														4	4	67	77															
45/ 47		.1	.2															3	3	26	17															
46/ 45																				11	158															
44/ 43																				2	87															
42/ 41																					67															
4/ 39																					24															
38/ 37																					27															
16/ 35																					5															
TOTAL	3.2	8.9	17.7	21.0	23.7	16.9	5.0	2.6	.8	.7								900	900	900	900															

Element (X)	Z _g	Z _g	Z _g	Z _g	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.	3227527	52685	58.5	12.611	900	= 0 F	= 32 F	= 67 F	= 73 F	= 88 F	= 93 F	Total
Dry Bulb	3752432	57856	64.3	6.76	900			28.2	2.5	.7		9.2
Wet Bulb	2830755	50327	55.9	4.568	900			1.0				9.2
Dew Point	2177753	43967	88.9	5.768	900							9.2

2-6-2

YEARS

MONTN

PAGE : ~~7~~ HOURS 9.5.19

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONY

MOULDS 57

0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME

77-268

YEARS

MONTH

PAGE 1

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PSYCHROMETRIC SUMMARY

73-82

YEARS

22
MONTH

PAGE 5

11-11-62
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 ~~SECRET~~

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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77-82

YEARS

05
MONTH

PAGE 1

1600-1800
HOURS (L. S. T.)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0-26-5 (OL A)

ROOM

USAFETAC

PSYCHROMETRIC SUMMARY

73-27

YEARS

25

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73								.1										1	1					
73/ 71							.1											1	1					
72/ 69					.1	.1												2	2					
71/ 67					.1	.1												3	3					
70/ 65			.1	.2	.2													5	5					
69/ 63		.2	.3	.2	.2	.3												47	47					
68/ 61			.2	.2	.5	.2	.1											58	58	10	1			
67/ 59		.9	3.3	1.3	.4													63	60	16	3			
66/ 57		1.4	4.3	3.2	1.7	.3												93	73	64	14			
65/ 55		2.6	2.7	3.3	.5	.1												96	86	70	41			
64/ 53		2.4	5.2	2.4	2.4													114	114	90	64			
62/ 51	.3	3.7	6.8	2.8	.8													133	133	106	61			
61/ 49	.2	2.7	4.3	2.7	.1													91	91	127	73			
60/ 47	.2	3.5	4.3	2.2	.1													93	93	136	77			
58/ 45		2.5	4.2	.9	.1													71	71	125	152			
64/ 43	.1	1.4	1.1	.6														70	30	76	89			
62/ 41	.1	1.3	.0	.1														70	23	50	105			
60/ 39		1.3	.2															14	14	27	79			
59/ 37	.1	.1	.2															4	4	22	63			
56/ 35		.2	.1															3	3	3	43			
50/ 33			.1															1	1	5	7			
52/ 31																				1	17			
51/ 29																					7			
50/ 27																					4			
TOTAL	1.123.94	7.025.4	7.5	1.2	.1													930	930	930	930			

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5442117	73457	76.810	5.95	930	≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	
Dry Bulb	7629177	49131	52.8	6.35	930			.7	.1			93
Wet Bulb	2258198	45540	49.7	5.510	930		.1					93
Dew Point	1938087	42001	46.2	6.330	930	.8						93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

W
D

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/FAC

PSYCHROMETRIC SUMMARY

1983 LAKE MEATH RAF UK
STATION STATION NAME

73-80

YEARS

OCT

MONTH

PAGE 1 1200-14.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
76/ 76							.1																														
75/ 75							.5																														
74/ 74							.9																														
73/ 73							.4																														
72/ 72							.8																														
71/ 71							.3																														
70/ 70							.7																														
69/ 69							.2																														
68/ 68							.6																														
67/ 67							.1																														
66/ 66							.5																														
65/ 65							.9																														
64/ 64							.4																														
63/ 63							.8																														
62/ 62							.3																														
61/ 61							.7																														
60/ 60							.2																														
59/ 59							.6																														
58/ 58							.1																														
57/ 57							.5																														
56/ 56							.9																														
55/ 55							.4																														
54/ 54							.8																														
53/ 53							.3																														
52/ 52							.7																														
51/ 51							.2																														
50/ 50							.6																														
49/ 49							.1																														
48/ 48							.5																														
47/ 47							.9																														
46/ 46							.4																														
45/ 45							.8																														
44/ 44							.3																														
43/ 43							.7																														
42/ 42							.2																														
41/ 41							.6																														
40/ 40							.1																														
39/ 39							.5																														
38/ 38							.9																														
37/ 37							.4																														
36/ 36							.8																														
35/ 35							.3																														
34/ 34							.7																														
33/ 33							.2																														
32/ 32							.6																														
31/ 31							.1																														
30/ 30							.5																														
29/ 29							.9																														
28/ 28							.4																														
27/ 27							.8																														
26/ 26							.3																														
25/ 25							.7																														
24/ 24							.2																														
23/ 23							.6																														
22/ 22							.1																														
21/ 21							.5																														
20/ 20							.9																														
19/ 19							.4																														
18/ 18							.8																														
17/ 17							.3																														
16/ 16							.7																														
15/ 15							.2																														
14/ 14							.6																														
13/ 13							.1																														
12/ 12							.5																														
11/ 11							.9																														
10/ 10							.4																														
9/ 9							.8																														
8/ 8							.3																														
7/ 7							.7																														
6/ 6	</																																				

PSYCHROMETRIC SUMMARY

YEARS

25

PAGE 1 ~~1500-175-2~~
~~Notes 10-8-75~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
74/ 73																		2	2																	
73/ 71																		2	2																	
70/ 69																		2	2																	
68/ 67																		8	8																	
66/ 65																		20	20																	
64/ 63																		73	73																	
62/ 61																		65	65																	
60/ 59																		71	71																	
58/ 57																		57	57																	
56/ 55																		110	110																	
54/ 53																		156	156																	
52/ 51																		116	116																	
50/ 49																		72	72																	
48/ 47																		21	21																	
46/ 45																		46	46																	
44/ 43																		13	13																	
42/ 41																		2	2																	
40/ 39																		3	3																	
38/ 37																																				
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
24/ 23																																				
TOTAL																		930	731	930	93															

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4751245	65585	73.531	653	930	≤ 6 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	
Dry Bulb	2811039	53863	58.7	5613	930			1.4	2			93
Wet Bulb	2129275	46299	49.8	5097	930							93
Dew Point	1017121	11211	15.2	6343	930	2.3						93

2

1

2-92

YEARS

MONTH

CASE

16-0-2000
HOURS (L. S. T.)

USAFETAC FORM 0-20-5 (OLA) REVISED PER YOUR NOTICES OF THIS POLICE ARE OBSOLETE

PSYCHROMETRIC SUMMARY

0.031 LAKE MEATH RAIL IN

73-82

YEARS

36

PAGE 1 ~~21-0-2300~~
~~NOV 11 1950~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63			.9	.5														9	9																
64/ 61			1.2															11	11																
64/ 59		1.2	2.4	.4														37	37	6	3														
65/ 57		1.9	3.4	.5														55	55	23	7														
66/ 55	.1	2.9	4.7	1.3														77	77	41	10														
64/ 53	.1	3.4	3.9	1.2														78	78	71	42														
67/ 51	.4	5.6	5.7	.2														111	111	102	71														
67/ 49	.3	3.1	4.1	.9														76	76	101	73														
67/ 47	.4	5.1	4.1	.9														97	97	108	83														
66/ 45	.3	7.6	7.6	.6														151	151	108	130														
64/ 43		5.4	4.3	.5														95	95	107	82														
62/ 41		2.9	2.5															50	57	37	176														
61/ 39	.1	2.8	1.7															43	43	56	96														
38/ 37		1.5	.5															19	19	53	53														
74/ 35		.6	.4															10	13	30	56														
34/ 33		.6																6	6	16	42														
72/ 31			.2															2	2	5	28														
71/ 29			.1															1	1	2	15														
70/ 27																																			
26/ 25																																			
74/ 23																																			
62/ 21																																			
TOTAL	1.9	4.7	4.6	6.9														930	937	930	937														

Element (X)	Σ X²	Σ X	X̄	s²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6234792	75798	81.5	7.878	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	
Dry Bulb	2252789	45417	48.8	6.123	930		3					93
Wet Bulb	2015536	42034	46.2	6.702	930		8					93
Dew Point	1792801	40365	43.8	6.737	930		6					93

PSYCHROMETRIC SUMMARY

207
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

~~CONFIDENTIAL~~

100

Temp (F)	0	1-2	3-4	5-6	7-8	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL		TOTAL	
						9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63					1													3	3																
62/ 61			1	3														4	4																
61/ 59			2	7	1													5	9																
59/ 57			3	9	2													12	17	7															
56/ 55			4	11	10													34	34	15	4														
54/ 53			5	13	12													50	50	23	10														
52/ 51			6	15	14													65	65	42	17														
50/ 49			7	17	16													71	71	43	18														
47/ 47			8	19	18													75	75	43	17														
45/ 45	1	5	10	21	19													101	101	75	60														
44/ 43			11	23	21													57	57	74	67														
42/ 41			12	25	23													54	54	74	76														
41/ 40			13	26	24													35	35	74	74														
38/ 37		1	14	27	25													63	63	76	72														
36/ 35		1	15	28	26													71	71	75	70														
34/ 33		2	16	29	27													39	39	71	71														
32/ 31		3	17	30	28													26	26	69	64														
30/ 29		4	18	31	29													22	22	66	62														
28/ 27		5	19	32	30													14	14	66	49														
26/ 25		6	20	33	31													3	3	6	24														
24/ 23		7	21	34	32													4	4	5	14														
22/ 21		8	22	35	33													1	1	3	7														
20/ 19		9	23	36	34																1														
18/ 17		10	24	37	35																1														
16/ 15		11	25	38	36																1														
TOTAL		5	251	335	7	1													888	888	888														

Element (X)	ΣX²	ΣX	N	Σ _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5994769	72493	81.6	9.54	888	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1738775	38692	83.6	7.722	888		7.7					90
Wet Bulb	1551700	36569	81.2	7.213	888		10.3					90
Dew Point	1389124	33930	78.2	7.706	888		22.0					

VIDEO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

33

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE: 3 HOURS (L. S. T.): 5

0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

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7. 4. 3

YEARS

1

1000

0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

حفظہ

YEARS

~~SECRET~~

PAGE 1 100-1402

LIBRARY
0265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
IN 1982
JUN 84

PSYCHROMETRIC SUMMARY

72-82-

YEARS

NO
MONTH

PAGE 1 16-0-1722
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D.26.5 (OL A)

USAFETAC

2

4

73-97

YEARS

~~NCM~~
~~MONTH~~

PAGE 1 ~~SECRET~~

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

USAFETAC

PSYCHROMETRIC SUMMARY

12 MONTH

HOURS (L, S, T,)

USAFETAC FORM 11-11

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

15-00000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

25

PAGE 1 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
59/ 57			.1	.1														2	2						
56/ 55		.4		.2														6	4						
50/ 53		.8	2.2															27	27	5					
52/ 51		1.7	1.1															26	26	21	7				
47 / 49		1.5	2.5															37	37	35	7				
45/ 47	.3	3.3	2.9	.3														64	64	42	36				
42/ 45	.3	7.3	4.3	.5														116	116	73	54				
44/ 43	.3	2.4	2.5	.6														54	54	43	61				
40/ 41	.3	5.8	3.7	.5														96	96	68	63				
37 / 39	.1	7.7	3.5	.7														109	109	64	62				
39/ 37	1.5	5.6	4.4	.1														108	108	123	83				
32/ 35	.1	4.9	4.1	.2														67	67	95	73				
34/ 33	.1	4.2	1.8															57	57	100	75				
32/ 31		3.1	.1															30	33	64	78				
37 / 29		2.4	.7															24	24	79	77				
28/ 27	.4	3.7	1.1															48	48	25	18				
26/ 25		2.2	.1															23	27	41	34				
24/ 23		.8																7	7	13	26				
22/ 21		.6																6	6	8	21				
20/ 19		.3																3	3	6	12				
18/ 17																				3	19				
16/ 15		.1																1	1		7				
14/ 13		.1																1	1	1	6				
12/ 11		.1																1	1	2	4				
9 / 9																					2				
8/ 7																					1				
4/ 3																					2				
TOTAL	3.558	934.5	3.2																930	937	937				

PSYCHROMETRIC SUMMARY

036931	LAKENHEATH RAF UK
STATION	STATION NAME

73-20

YEARS

DEC
MONTH

PAGE 1 2672-5300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

YEARS

~~26~~
MONTANA

PACF : 60-4411-3
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FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

2

2

YEARS

PAGE 1 1200-1422
HOURS (L. S. T.)

0-26-5 (OLA) SERVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

20

4

23-62

YEARS

MONTH

PAGE 1 ~~CONFIDENTIAL~~

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

00031	LAKENHEATH RAF UK
STATION	STATION NAME

73-22

YEARS

MONTH

PAGE 9

HOURS 11.57.1

[illegible]

PSYCHROMETRIC SUMMARY

133

YEARS

MONTH

PAGE 1

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

STATION LAKENHEATH PARK STATION NAME 11-67 YEARS 11 MONTH 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31		Dry Bulb	Wet Bulb	Dew Point														
19			1	1															336	326	314														
18			2	2															420	410	398	386													
17			3	3															504	494	482	470													
16			4	4															588	578	566	554													
15			5	5															672	662	650	638													
14			6	6															756	746	734	722													
13			7	7															840	830	818	806													
12			8	8															924	914	902	890													
11			9	9															1008	998	986	974													
10			10	10															1092	1082	1070	1058													
9			11	11															1176	1166	1154	1142													
8			12	12															1260	1250	1238	1226													
7			13	13															1344	1334	1322	1310													
6			14	14															1428	1418	1406	1394													
5			15	15															1512	1502	1490	1478													
4			16	16															1596	1586	1574	1562													
3			17	17															1680	1670	1658	1646													
2			18	18															1764	1754	1742	1730													
1			19	19															1848	1838	1826	1814													
0			20	20															1932	1922	1910	1898													
TOTAL	3.052	70.2	5.1																2422	2412	2400	2388													

Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	48284361	525585	80.1	8.694	743	10 F	13 F	67 F	73 F	80 F	93 F	
Dry Bulb	1788847	305127	41.1	7.103	744		75 F					744
Wet Bulb	11435036	28714	39.6	6.676	743		128 F					744
Dew Point	9685553	262111	35.2	7.423	743		14.2					744

AD-A140 248

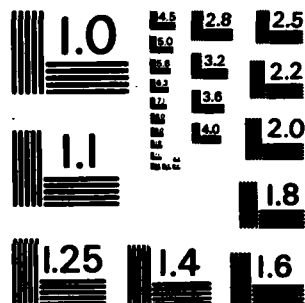
LAKENHEATH UNITED KINGDOM REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 01 MAR 84
USAFETAC/DS-84/008 SBI-AD-E850 824 F/O 4/2

55

UNCLASSIFIED

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								END DATE FILMED 84					



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

73-83

YEARS

PAGE !

100-443876-10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL P.D./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point									
94/ 93																		4	4										
92/ 91																		11	11										
90/ 89																		21	21										
88/ 87																		35	35										
86/ 85																		39	39										
84/ 83																		44	44										
82/ 81																		201	201										
80/ 79																		187	187										
78/ 77																		361	361										
76/ 75																		501	501										
74/ 73																		766	766										
72/ 71																		942	942										
70/ 69																		1349	1349	74									
68/ 67																		1185	1185	234									
66/ 65																		2195	2195	543									
64/ 63																		4584	4584	1000									
62/ 61																		3958	3958	2103									
60/ 59																		4310	4310	2972									
58/ 57																		4884	4884	4820									
56/ 55																		4854	4854	5222									
54/ 53																		5472	5472	6007									
52/ 51																		5421	5421	6065									
50/ 49																		4529	4529	6970									
48/ 47																		5454	5454	6861									
46/ 45																		8444	8444	6734									
44/ 43																		5222	5222	6211									
42/ 41																		5410	5410	6013									
40/ 39																		4210	4210	5679									
38/ 37																		3664	3664	5629									
36/ 35																		3549	3549	5700									
34/ 33																		2185	2185	4632									
32/ 31																		1049	1049	3292									
30/ 29																		890	890	3700									
28/ 27																		730	730	3700									
Element (X)	ΣX'		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ										
Rel. Hum.																													
Dry Bulb																													
Wet Bulb																													
Dew Point																													

PSYCHROMETRIC SUMMARY

73-83

YEAR



PAGE ?

ALL
MEMBERS U. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035831 LAKENHEATH RAF UK

73-83

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	39.7	38.4	41.2	42.5	47.5	53.6	56.8	56.8	54.0	48.3	43.6	40.3	46.9	
	S.D.	7.383	6.226	5.677	5.675	5.478	4.999	4.613	5.233	5.700	6.375	7.722	7.238	9.005	
	TOTAL OBS	930	837	930	900	840	900	930	930	898	930	888	930	10843	
03-05	MEAN	39.2	37.8	40.3	41.4	46.1	52.0	55.1	55.0	52.4	47.3	42.9	39.7	45.8	
	S.D.	7.411	6.205	5.681	5.604	5.350	4.793	4.653	5.261	5.792	6.609	7.844	7.447	8.719	
	TOTAL OBS	930	837	930	900	867	900	930	930	900	930	888	930	10872	
06-08	MEAN	39.7	37.6	40.7	43.6	50.5	56.5	59.0	58.1	53.9	47.7	43.0	39.7	47.5	
	S.D.	7.496	6.273	5.603	5.403	5.499	5.039	4.799	5.013	5.777	6.610	7.756	7.510	9.750	
	TOTAL OBS	930	837	930	900	919	900	929	930	899	930	888	930	10922	
09-11	MEAN	40.5	40.4	45.0	49.1	56.2	62.3	64.8	65.2	60.8	52.8	45.7	41.0	52.1	
	S.D.	7.120	5.876	5.460	5.759	6.365	6.612	5.975	5.438	5.482	6.035	7.247	7.185	11.160	
	TOTAL OBS	929	837	930	900	918	900	930	930	900	930	888	930	10922	
12-14	MEAN	43.0	43.3	48.1	52.1	58.9	65.4	68.0	68.9	64.5	56.0	48.6	43.5	55.1	
	S.D.	6.434	5.944	5.868	6.433	7.046	7.502	6.766	6.454	5.753	5.707	6.647	6.368	11.487	
	TOTAL OBS	930	837	930	900	918	900	929	930	899	930	891	930	10924	
15-17	MEAN	42.3	43.0	47.8	51.9	58.6	65.5	68.4	69.1	64.3	54.7	47.3	42.5	54.7	
	S.D.	6.496	6.032	5.823	6.686	7.077	7.688	6.787	6.630	6.076	5.613	6.822	6.435	11.844	
	TOTAL OBS	930	840	930	900	918	900	930	930	900	930	891	930	10929	
18-20	MEAN	40.7	40.2	44.2	48.0	55.0	62.0	65.1	64.6	59.1	50.6	44.9	41.0	51.3	
	S.D.	6.885	5.878	5.568	5.951	6.463	6.790	5.946	5.842	5.664	5.748	7.301	6.740	11.067	
	TOTAL OBS	930	838	930	900	918	900	930	930	900	930	891	930	10927	
21-23	MEAN	40.0	38.9	42.1	44.1	49.9	56.4	59.5	59.1	55.5	48.8	43.6	40.4	48.3	
	S.D.	7.107	6.041	5.610	5.458	5.500	5.223	4.670	4.835	5.424	6.123	7.612	6.926	9.516	
	TOTAL OBS	929	837	930	899	893	900	930	930	900	930	890	930	10898	
ALL HOURS	MEAN	40.5	40.0	43.7	46.6	53.0	59.2	62.1	62.1	58.1	50.8	44.9	41.0	50.2	
	S.D.	7.171	6.403	6.360	7.098	7.703	7.900	7.368	7.438	7.267	6.844	7.638	7.103	10.908	
	TOTAL OBS	7438	6700	7498	7199	7191	7208	7838	7998	7196	7000	7118	7000	87213	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

C35831 LAKENHEATH RAF UK

73-83

STATION		STATION NAME												YEARS
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	37.4	36.4	38.5	39.6	44.6	50.2	53.4	53.4	50.7	45.8	41.2	38.0	44.1
	S.D.	6.931	5.998	5.611	5.371	5.115	4.659	4.247	4.866	5.264	6.233	7.213	7.031	6.492
	TOTAL OBS	930	837	930	900	840	900	930	930	898	930	888	930	10843
03-05	MEAN	37.0	35.8	37.7	38.7	43.6	49.1	52.2	52.1	49.5	45.0	40.6	37.5	43.3
	S.D.	6.984	5.990	5.634	5.368	5.113	4.540	4.350	5.018	5.418	6.465	7.339	7.251	6.350
	TOTAL OBS	930	837	930	900	867	900	930	930	900	930	888	930	10872
06-08	MEAN	36.8	35.6	38.1	40.5	46.8	52.1	54.9	54.4	50.7	45.3	40.7	37.5	44.5
	S.D.	7.035	6.090	5.523	5.043	4.580	4.270	4.036	4.543	5.299	6.422	7.276	7.268	6.944
	TOTAL OBS	930	837	930	898	919	900	929	930	899	930	888	930	10920
09-11	MEAN	38.0	37.8	41.2	44.0	49.7	54.8	57.6	57.9	54.9	49.0	42.9	38.6	47.3
	S.D.	6.643	5.620	5.089	4.782	4.778	4.910	4.169	3.925	4.301	5.510	6.771	6.910	9.148
	TOTAL OBS	929	837	930	900	918	900	930	930	900	930	888	930	10922
12-14	MEAN	39.9	39.8	43.0	45.3	50.8	56.0	58.7	59.0	56.1	50.5	44.8	40.5	48.8
	S.D.	5.917	5.569	5.204	5.057	4.985	5.094	4.238	4.104	4.348	5.062	6.241	6.194	6.803
	TOTAL OBS	930	837	930	900	918	900	929	930	899	930	891	930	10924
15-17	MEAN	39.3	39.6	42.6	45.1	50.6	56.0	58.8	58.9	55.9	49.8	44.0	39.8	48.4
	S.D.	6.020	5.704	5.144	5.263	4.973	4.987	4.188	4.111	4.568	5.097	6.393	6.287	9.003
	TOTAL OBS	930	840	930	900	918	900	930	930	900	930	891	930	10929
18-20	MEAN	38.1	37.7	40.5	42.9	48.8	54.6	57.6	57.3	53.6	47.4	42.2	38.7	46.7
	S.D.	6.403	5.750	5.325	5.138	5.005	4.845	4.137	4.166	4.666	5.891	6.831	6.620	9.090
	TOTAL OBS	930	838	930	900	918	900	930	930	900	930	891	929	10924
21-23	MEAN	37.5	36.7	39.0	40.6	46.1	51.9	55.0	54.7	51.6	46.2	41.1	38.1	44.9
	S.D.	6.625	5.867	5.558	5.069	4.937	4.523	4.060	4.407	4.940	6.002	7.133	6.789	8.677
	TOTAL OBS	929	837	930	899	893	900	930	930	900	930	890	930	10898
ALL HOURS	MEAN	38.0	37.4	40.1	42.1	47.7	53.1	56.0	56.0	52.9	47.4	42.2	38.6	46.0
	S.D.	6.659	6.015	5.716	5.670	5.556	5.330	4.783	5.056	5.434	6.155	7.063	6.876	9.025
	TOTAL OBS	7438	6700	7440	7197	7191	7200	7438	7440	7196	7440	7115	7439	87230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

035831 LAKENHEATH RAF UK

73-83

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	34.0	33.2	34.6	35.6	41.3	47.1	50.6	50.5	47.7	43.2	38.2	34.7	41.0											
	S.D.	7.676	6.843	6.788	6.194	5.752	5.310	4.555	5.342	5.736	6.973	7.706	7.991	9.154											
	TOTAL OBS	937	837	930	900	840	900	930	930	898	930	888	930	10843											
03-05	MEAN	33.6	32.7	34.1	35.1	40.7	46.4	49.7	49.6	46.8	42.4	37.7	34.2	40.3											
	S.D.	7.767	6.870	6.778	6.176	5.717	5.143	4.586	5.574	5.937	7.144	7.849	8.251	9.099											
	TOTAL OBS	930	837	930	900	867	900	930	930	900	930	888	930	10872											
06-08	MEAN	33.5	32.5	34.4	36.6	42.9	48.3	51.7	51.4	47.8	42.7	37.8	34.2	41.2											
	S.D.	7.746	6.952	6.645	5.838	5.042	4.882	4.213	5.097	5.774	7.049	7.840	8.250	9.428											
	TOTAL OBS	937	837	930	898	919	900	929	930	899	930	888	930	10920											
09-11	MEAN	34.5	34.2	36.4	37.8	43.3	48.3	51.9	52.2	49.8	45.2	39.6	35.3	42.4											
	S.D.	7.332	6.517	6.384	5.962	5.935	5.871	4.903	4.912	5.031	6.330	7.424	7.821	9.146											
	TOTAL OBS	929	837	930	900	918	900	930	930	900	930	888	930	10922											
12-14	MEAN	35.8	35.0	36.6	37.4	42.8	48.1	51.5	51.4	49.1	45.2	40.5	36.7	42.6											
	S.D.	6.626	6.752	6.923	6.509	6.505	6.095	5.176	5.337	5.644	6.339	7.263	7.212	8.817											
	TOTAL OBS	930	837	930	900	918	900	929	930	899	930	891	930	10924											
15-17	MEAN	35.4	34.9	36.0	37.0	42.6	48.2	51.5	51.1	48.9	45.0	40.1	36.3	42.3											
	S.D.	6.760	6.941	7.048	6.660	6.466	5.859	5.294	5.387	5.764	6.343	7.280	7.284	8.932											
	TOTAL OBS	930	840	930	900	918	900	930	930	900	930	891	930	10929											
18-20	MEAN	34.6	34.1	35.5	36.7	42.5	48.3	51.8	51.4	48.9	44.2	38.9	35.4	41.9											
	S.D.	7.069	6.785	6.814	6.438	6.194	5.711	4.987	5.071	5.370	6.452	7.477	7.645	9.157											
	TOTAL OBS	930	838	930	900	918	900	930	930	900	930	891	929	10926											
21-23	MEAN	34.0	33.4	34.8	36.0	42.1	47.9	51.3	51.0	48.2	43.4	38.0	34.9	41.3											
	S.D.	7.279	6.768	6.863	6.055	5.726	5.235	4.872	5.047	5.551	6.737	7.730	7.778	9.189											
	TOTAL OBS	929	837	930	899	893	900	930	930	900	930	890	930	10898											
ALL HOURS	MEAN	34.4	33.8	35.3	36.5	42.3	47.8	51.2	51.1	48.4	43.9	38.9	35.2	41.6											
	S.D.	7.330	6.868	6.839	6.290	5.998	5.564	4.844	5.272	5.677	6.749	7.639	7.828	9.147											
	TOTAL OBS	7438	6708	7450	7197	7191	7200	7030	7000	7194	7000	7155	7430	87230											

RELATIVE HUMIDITY

PERIOD

JAN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.8	97.1	84.2	52.7	15.2	82.3	930
	03-05	100.0	100.0	100.0	100.0	99.9	97.4	85.1	52.7	15.2	80.4	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.2	85.8	54.0	14.8	80.7	930
	09-11	100.0	100.0	100.0	100.0	99.7	96.9	82.5	48.1	11.6	79.3	929
	12-14	100.0	100.0	100.0	100.0	99.2	93.0	71.6	36.3	7.4	76.1	930
	15-17	100.0	100.0	100.0	99.9	99.5	94.4	75.1	39.2	7.7	77.1	930
	18-20	100.0	100.0	100.0	100.0	99.7	97.4	81.7	46.3	10.6	79.1	930
	21-23	100.0	100.0	100.0	100.0	99.7	97.7	83.0	47.5	11.4	79.6	929
TOTALS		100.0	100.0	100.0	100.0	99.7	96.5	81.1	47.1	11.7	79.1	7439

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	98.0	87.1	59.8	22.3	81.9	837
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	85.3	59.0	23.1	82.0	837
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	86.5	58.7	21.3	82.0	837
	09-11	100.0	100.0	100.0	100.0	99.8	96.2	76.6	47.3	15.2	79.2	837
	12-14	100.0	100.0	100.0	99.4	96.5	84.2	57.3	30.6	8.5	73.2	837
	15-17	100.0	100.0	100.0	99.6	97.0	85.6	59.3	31.8	8.0	73.9	840
	18-20	100.0	100.0	100.0	100.0	99.9	96.7	77.6	46.1	13.8	79.2	838
	21-23	100.0	100.0	100.0	100.0	100.0	97.7	82.7	55.0	17.8	80.9	837
TOTALS		100.0	100.0	100.0	99.9	99.2	98.6	76.6	48.5	16.3	78.0	6700

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RELATIVE HUMIDITY

PERIOD

MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	99.5	93.0	74.3	44.2	6.7	77.6	930
	03-05	100.0	100.0	100.0	100.0	99.8	94.8	78.1	50.2	8.9	78.8	930
	06-08	100.0	100.0	100.0	100.0	99.6	93.7	78.1	49.5	10.3	78.7	930
	09-11	100.0	100.0	100.0	99.2	94.1	81.7	61.3	28.3	5.3	72.6	930
	12-14	100.0	100.0	99.7	96.3	84.8	63.5	41.3	17.6	1.7	66.0	930
	15-17	100.0	99.8	99.4	95.1	82.5	61.2	41.2	15.6	1.6	65.1	930
	18-20	100.0	100.0	99.9	98.9	94.7	81.7	58.7	28.4	3.4	72.3	930
	21-23	100.0	100.0	100.0	100.0	98.6	89.2	69.8	38.7	5.8	75.8	930
TOTALS		100.0	100.0	99.9	98.7	94.2	82.4	62.9	34.1	5.5	73.4	7440

RELATIVE HUMIDITY

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.1	93.8	77.3	37.6	5.7	76.9	900
	03-05	100.0	100.0	100.0	100.0	99.7	95.4	82.8	40.7	7.4	78.5	900
	06-08	100.0	100.0	100.0	100.0	99.2	93.5	74.8	37.1	6.6	76.8	898
	09-11	100.0	100.0	100.0	97.7	88.0	64.9	39.1	14.7	2.2	66.1	920
	12-14	100.0	100.0	98.9	89.8	71.1	42.9	22.6	6.0	1.0	58.8	900
	15-17	100.0	100.0	98.8	88.7	70.2	41.9	20.3	7.3	1.2	58.5	900
	18-20	100.0	100.0	100.0	97.7	86.4	66.0	40.0	14.0	1.9	66.1	920
	21-23	100.0	100.0	100.0	100.0	97.6	88.2	62.2	24.5	4.6	73.5	899
TOTALS		100.0	100.0	99.7	96.7	88.9	73.3	52.4	22.7	3.7	69.8	7192

RELATIVE HUMIDITY

44
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.5	97.3	86.9	46.0	9.2	79.4	840
	03-05	100.0	100.0	100.0	100.0	99.8	98.4	91.2	55.5	12.1	81.4	867
	06-08	100.0	100.0	100.0	99.8	98.3	90.9	74.9	34.9	6.3	75.9	919
	09-11	100.0	100.0	99.6	94.7	82.1	57.8	33.9	10.2	1.9	63.2	918
	12-14	100.0	100.0	96.5	86.5	65.7	40.5	21.5	6.9	1.3	57.3	918
	15-17	100.0	100.0	96.4	85.5	65.1	41.7	21.9	6.8	1.4	57.2	918
	18-20	100.0	100.0	99.5	94.7	82.7	60.1	37.1	12.9	2.0	64.2	918
	21-23	100.0	100.0	100.0	99.9	98.2	91.2	72.6	29.7	6.7	75.2	893
TOTALS		100.0	100.0	99.0	95.1	86.4	72.2	55.0	25.4	5.1	69.2	7191

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 71-82 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	97.6	88.7	83.2	7.8	79.0	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	91.9	53.9	10.8	81.2	900
	06-08	100.0	100.0	100.0	99.9	98.9	91.3	72.0	26.3	4.1	74.6	900
	09-11	100.0	100.0	99.7	95.3	81.6	50.0	25.1	7.2	1.1	61.4	900
	12-14	100.0	99.6	98.2	86.7	63.3	29.8	14.6	4.2	.3	55.2	900
	15-17	100.0	99.9	97.3	85.6	62.1	31.6	17.4	5.4	.4	55.4	900
	18-20	100.0	100.0	99.6	94.7	81.3	52.9	29.1	9.4	1.3	62.2	900
	21-23	100.0	100.0	100.0	100.0	98.7	89.2	68.7	24.6	3.8	73.8	900
TOTALS		100.0	99.9	99.4	95.3	85.7	67.7	50.8	21.8	3.7	67.9	7200

RELATIVE HUMIDITY

JUL
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	107.7	100.0	100.0	99.2	91.8	46.5	6.2	97.7	937
	03-05	100.0	100.0	100.0	100.0	100.7	99.9	97.6	56.7	8.1	92.1	930
	06-08	100.0	100.0	107.0	100.0	99.6	96.6	87.7	33.6	4.7	77.1	929
	09-11	100.0	100.0	98.9	97.2	88.0	61.5	32.9	8.4	.2	64.3	917
	12-14	100.0	99.2	98.0	90.7	66.8	38.3	17.3	4.8	.3	57.1	929
	15-17	100.0	99.5	97.6	89.6	63.7	35.1	18.6	5.2	.1	56.5	937
	18-20	100.0	100.0	99.2	96.1	86.5	55.3	32.5	9.7	.3	63.5	937
	21-23	100.0	100.0	107.0	99.9	98.8	92.4	71.0	24.0	2.9	74.5	930
TOTALS		100.0	99.8	99.2	96.7	87.9	72.3	55.3	23.6	2.8	69.4	7438

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831
STATION

LAKENHEATH RAF UK
STATION NAME

73-82
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	97.2	87.7	86.8	8.5	79.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	91.0	60.6	15.7	82.2	930
	06-08	100.0	100.0	100.0	100.0	100.0	95.1	82.5	44.4	9.5	78.7	930
	09-11	100.0	100.0	99.9	97.7	87.2	59.5	31.4	10.0	1.2	64.0	930
	12-14	100.0	100.0	97.7	88.6	67.8	31.4	15.5	4.2	.4	55.4	930
	15-17	100.0	100.0	97.2	84.1	55.1	28.9	16.1	6.2	.2	54.5	930
	18-20	100.0	100.0	99.9	97.0	84.2	54.6	32.6	10.5	.8	63.6	930
	21-23	100.0	100.0	100.0	100.0	99.4	92.5	71.7	26.9	3.5	74.9	930
TOTALS		100.0	100.0	99.1	94.2	85.8	69.7	53.6	26.2	5.0	64.1	7440

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.8	95.1	90.5	85.1	7.7	79.5	898
	03-05	100.0	100.0	100.0	100.0	99.8	95.4	92.1	86.6	13.4	81.4	900
	06-08	100.0	100.0	100.0	100.0	99.8	95.0	89.7	84.3	9.5	79.9	899
	09-11	100.0	100.0	100.0	99.4	93.1	72.8	44.3	14.6	2.8	68.1	900
	12-14	100.0	100.0	99.8	95.2	72.9	36.8	19.8	5.6	1.1	58.5	899
	15-17	100.0	100.0	99.4	94.9	72.3	39.7	18.9	5.4	.6	58.5	900
	18-20	100.0	100.0	100.0	99.2	95.8	74.6	50.6	15.8	2.8	69.6	900
	21-23	100.0	100.0	100.0	100.0	99.1	94.2	81.6	34.6	5.8	76.9	900
TOTALS		100.0	100.0	99.9	98.6	91.6	76.1	60.9	28.4	5.5	71.6	7196

RELATIVE HUMIDITY

73-82

OCI

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.7	63.1	16.7	82.8	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.6	65.9	15.8	81.2	930
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.6	62.2	16.5	82.8	930
	09-11	100.0	100.0	100.0	100.0	99.2	90.9	70.9	33.7	7.5	75.8	930
	12-14	100.0	100.0	100.0	99.7	93.7	70.2	43.2	15.5	3.0	68.1	930
	15-17	100.0	100.0	100.0	99.9	96.6	79.0	53.8	19.8	3.3	70.5	930
	18-20	100.0	100.0	100.0	100.0	100.0	97.6	83.2	41.9	9.9	78.8	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	90.3	54.8	13.7	81.5	930
TOTALS		100.0	100.0	100.0	100.0	98.7	92.1	78.2	48.4	10.8	77.8	7080

RELATIVE HUMIDITY

NOV
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
NOV	00-22	102.2	100.1	100.2	100.0	100.2	99.0	87.6	57.9	17.8	81.6	888
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	89.3	59.1	20.7	82.2	888
	06-08	102.2	100.0	100.0	100.0	100.0	98.2	89.3	59.9	18.7	82.1	888
	09-11	102.0	100.0	100.0	100.0	99.7	96.4	83.1	46.6	14.0	79.6	888
	12-14	100.0	100.0	100.0	100.0	97.5	88.7	65.2	29.0	9.8	74.4	891
	15-17	100.0	100.0	100.0	100.0	99.2	90.9	71.6	35.8	12.8	76.5	891
	18-20	100.0	100.0	100.0	100.0	100.0	96.1	82.2	49.4	13.9	80.0	891
	21-23	100.0	100.0	100.0	100.0	100.0	97.6	84.4	54.8	15.4	80.8	890
TOTAL		100.0	100.0	100.0	99.4	98.7	81.6	59.1	15.9	79.7	7115	

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

73-82

DEC
MONT

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	98.1	86.5	54.5	13.4	80.8	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	86.9	52.5	14.2	80.8	930
	06-08	107.0	100.0	100.0	100.0	100.0	99.7	85.9	54.8	14.2	81.0	930
	09-11	100.0	100.0	100.0	100.0	100.0	98.5	84.0	51.3	12.7	80.1	930
	12-14	100.0	100.0	100.0	100.0	100.0	93.7	74.5	37.5	9.4	77.2	930
	15-17	100.0	100.0	100.0	100.0	99.9	96.8	79.1	44.1	11.4	78.8	930
	18-20	100.0	100.0	100.0	100.0	99.9	98.1	84.7	52.4	13.6	80.5	929
	21-23	100.0	100.0	100.0	100.0	100.0	98.6	85.5	56.0	15.8	81.1	930
TOTALS		100.0	100.0	100.0	100.0	100.0	97.8	83.4	50.4	13.1	80.0	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

035831 LAKENHEATH RAF UK 73-83 ALL
STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.7	96.5	81.1	47.1	11.7	79.1	7438
FEB		100.0	100.0	100.0	99.9	99.2	94.6	76.6	48.5	16.3	79.0	6700
MAR		100.0	100.0	99.9	98.7	94.2	82.4	62.9	34.1	5.5	73.4	7440
APR		100.0	100.0	99.7	96.7	88.9	73.3	52.4	22.7	3.7	69.4	7197
MAY		100.0	100.0	99.0	95.1	86.4	72.2	55.0	25.4	5.1	69.2	7191
JUN		100.0	99.9	99.4	95.3	85.7	67.7	50.4	21.8	3.7	67.9	7200
JUL		100.0	99.8	99.2	96.7	87.9	72.3	55.3	23.6	2.8	69.4	7438
AUG		100.0	100.0	99.3	96.2	85.8	69.7	53.6	26.2	5.0	69.1	7440
SEP		100.0	100.0	99.9	98.6	91.6	76.1	60.9	28.4	5.5	71.6	7196
OCT		100.0	100.0	100.0	100.0	98.7	92.1	78.2	44.6	10.8	77.9	7440
NOV		100.0	100.0	100.0	100.0	99.6	95.7	81.6	49.1	15.4	79.7	7115
DEC		100.0	100.0	100.0	100.0	100.0	97.8	83.4	50.4	13.1	80.0	7439
TOTALS		100.0	100.0	99.7	98.1	93.1	82.8	66.0	35.2	8.2	73.8	87234

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

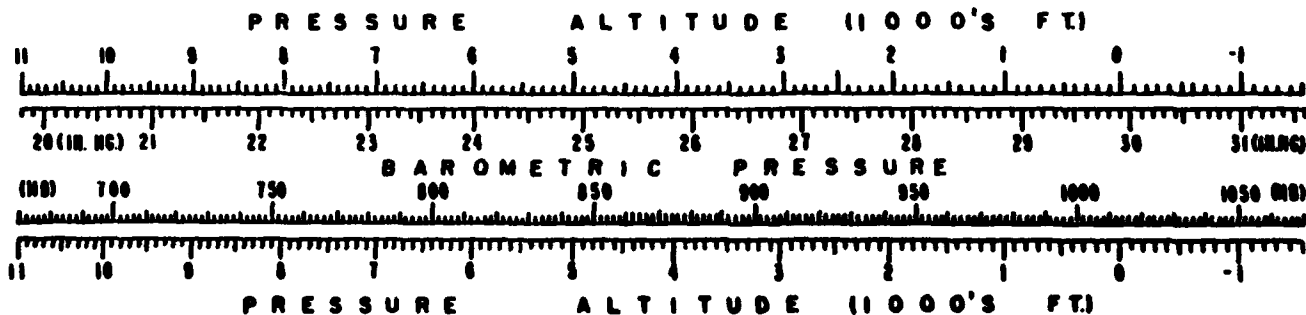
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

035431 LAKENHEATH RAF UK

73-83

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN	29.9032	29.9102	29.8242	29.9642	29.9032	29.9722	29.9612	29.9762	29.9302	29.8642	29.9292	29.817	29.913	
	S.D.	.385	.398	.343	.285	.247	.221	.192	.198	.272	.326	.337	.453	.319	
	TOTAL OBS	310	279	310	300	280	300	310	310	300	310	296	310	3615	
03	MEAN	29.8962	29.9002	29.8102	29.9512	29.8922	29.9612	29.9492	29.9652	29.9182	29.8512	29.9182	29.809	29.901	
	S.D.	.387	.397	.343	.283	.247	.223	.195	.200	.273	.324	.339	.448	.319	
	TOTAL OBS	310	279	310	300	280	300	310	310	300	310	296	310	3615	
06	MEAN	29.8832	29.8982	29.8092	29.9562	29.9042	29.9692	29.9532	29.9692	29.9222	29.8522	29.9162	29.802	29.902	
	S.D.	.393	.401	.344	.294	.252	.226	.197	.203	.276	.324	.340	.446	.321	
	TOTAL OBS	310	279	310	300	307	300	309	310	299	310	296	310	3690	
09	MEAN	29.8962	29.9182	29.8212	29.9672	29.9112	29.9752	29.9592	29.9802	29.9362	29.8692	29.9292	29.819	29.914	
	S.D.	.398	.402	.346	.285	.252	.227	.199	.205	.283	.325	.343	.441	.322	
	TOTAL OBS	310	279	310	300	306	300	310	310	300	310	296	310	3641	
12	MEAN	29.8922	29.9172	29.8192	29.9612	29.9042	29.9682	29.9552	29.9722	29.9302	29.8642	29.9202	29.818	29.910	
	S.D.	.399	.402	.344	.282	.251	.224	.196	.201	.277	.321	.348	.438	.320	
	TOTAL OBS	310	279	310	300	306	300	309	310	299	310	297	310	3690	
15	MEAN	29.8772	29.8972	29.8022	29.9472	29.8932	29.9562	29.9432	29.9582	29.9102	29.8512	29.9032	29.807	29.895	
	S.D.	.399	.399	.338	.279	.249	.220	.191	.195	.273	.316	.350	.435	.317	
	TOTAL OBS	310	280	310	300	306	300	310	310	300	310	297	310	3643	
18	MEAN	29.8892	29.9072	29.8102	29.9492	29.8922	29.9532	29.9372	29.9552	29.9142	29.8632	29.9182	29.815	29.900	
	S.D.	.397	.399	.338	.280	.246	.219	.188	.191	.267	.310	.348	.438	.316	
	TOTAL OBS	310	280	310	300	306	300	310	310	300	310	297	310	3643	
21	MEAN	29.9002	29.9122	29.8232	29.9692	29.9142	29.9722	29.9562	29.9782	29.9322	29.8702	29.9272	29.818	29.914	
	S.D.	.392	.398	.341	.283	.245	.221	.188	.193	.270	.323	.346	.448	.310	
	TOTAL OBS	310	279	310	300	306	300	310	310	300	310	297	310	3692	
ALL HOURS	MEAN	29.8922	29.9072	29.8152	29.9582	29.9022	29.9662	29.9522	29.9692	29.9242	29.8612	29.9202	29.813	29.906	
	S.D.	.393	.399	.342	.282	.249	.223	.193	.198	.274	.322	.343	.443	.319	
	TOTAL OBS	2480	2234	2480	2480	2397	2480	2478	2480	2398	2480	2372	2480	29879	

USAF ETAC FORM 0-80-5 (DL A)

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